Lancaster Farming

VOL. 28 No. 4 | Three Sections | Lancaster Farming, Saturday, November 27, 1982 | $7.50 per year

Pa.-bred Holstein sells for record $1 million

This 9-year-old Holstein, Allendairy Glamourous Ivy, originally bred and sold at the Ed Doeberiener farm in Jamestown, Pa. for $100,000 three years ago, brought a record $1,025,000, last Saturday at the dispersal auction of Tom Pearson, Greenleaf, Wis. The new owner, Albert Cormier, hails from Georgetown, Ontario, Canada.

BY DEBBIE KOONTZ

GREENLEAF, Wis. — A world record was set here, last Saturday, when a 9-year-old, 2E-96 Holstein, Allendairy Glamourous Ivy, sold for $1,025,000 to Albert Cormier of Georgetown, Ontario, Canada.

The Gold Medal dam was sold along with 102 other cows at the dispersal auction of 35-year-old Tom Pearson of Greenleaf, Wis. The total for the sale, $3.4 million, is also a world record.

Ivy's sale price is more than double the previous record set for a single cow, which sold for $440,000, at an auction in New York one year ago.

The Holstein, out of MD Maple-Lawn Marquis Glamour, sired by Osborndale Ivanhoe, was bred in Pennsylvania at the farm of Ed Doeberiener, near Jamestown. Doeberiener also has Ivy's only milking daughter to date, 4-year-old Leadfield Glamourous Eve, sired by Round Oak Rag Apple Elevation.

According to Doeberiener, he sold Ivy to Pearson three years ago for $100,000 when she was 6 years old. Before this sale occured, however, Doeberiener, along with Leadfield Associaties formerly from New York, bred Ivy's son, Leadfield Columbus. This bull, sired by Paclamar Bootmaker, is top in the country for PD$ (predicted difference dollars) at +312, and second high bull for TPI (total performance index) at +704. Columbus, in service with American Breeders Service, was featured on the cover of September's Holstein World.

Ivy, with a 4.1 percent butterfat test, has a record of 28,869 pounds of milk and 1,100 pounds of fat as a 7-year-old, three times over 1000 pounds of fat.

Ivy's mother, Marquis Glamour, 3E-96, was a noted show cow in the early '70s and All-American 4-year-old in 1971. Her top record was 32,043 pounds of milk with a 3.4 test and 1089 pounds of fat when six years and 11 months old.

Three bulls and two heifers from the registered herd also sold at the sale for an average of $235,000, according to Pearson's farmhand, Katie Coyne.

Ivy's daughter, at Doeberiener's

(Turn to Page A34)

Bedford Co. yields top alfalfa grower

BY DONNA TOMMELLEO

UNIVERSITY PARK — Bedford County dairyman J. Allen Baker bested 89 participants to emerge as this year's Grand Champion Alfalfa Grower, during the annual Forage and Seed Conference on Monday.

Baker's four cuttings of alfalfa haylage averaged 10.1 tons of hay equivalent per acre. Additionally, the crop yielded 4,014 pounds per acre of crude protein and 11,149 pounds per acre of total digestible nutrients.

This was Baker's fourth year in the contest and first as grand champion. Last year, the Holstein breeder finished as Reserve Grand Champion.

Baker first cut his winning field on May 24 and finished with his fourth cut on Sept. 3. He direct seeded the variety Cimmaron into his Hagerstown soil at a rate of 18 pounds per acre and applied Tolban for weeds and Furadan for insects at time of planting.

He continued his insect control after the second and third cutting with one pint per acre of Cygon. All of Baker's alfalfa crop went into haylage production.

The second top alfalfa grower in the state hailed from Lebanon County. Harold Bollinger was able to get five cuttings from his field, beginning May 19 and ending Sept. 19.

(Turn to Page A20)

Senate confirms Derry to PMMB

HARRISBURG — Last Wednesday the State Senate confirmed the appointment of J. Robert Derry of Indiana County to the Pennsylvania Milk Marketing Board. Derry will be replacing Don Lanius whose six-year term with PMMB expired last year.

J. Robert Derry

Born in Lancaster, Ohio in 1923, Derry comes to the PMMB job with impressive qualifications, having been associated with sales and administration of The Borden Co. from 1947 until 1964. He assumed the position with Borden following his graduation from Ohio State with a bachelor's degree in dairy technology.

From 1964 until 1975, Derry branched off on a private business road, owning the Culligan Water Co. of Indiana, Pennsylvania. Since 1975 he has served as executive director of the United Way of Indiana County.

Derry is married with three children and three grandchildren.

As a member of PMMB, Derry joins chairman George Brumbaugh and Marianne Olson on the three-member board. He will receive a salary of $12,500 per year and will be attending two meetings each month in Harrisburg, as well assuming office duites.—SM

Norma and J. Allen Baker of Bedford County receive their Grand Champion Alfalfa Grower award from Extension agronomist John Baylor, far right. Baker, a Holstein breeder, was recognized for his winning efforts — 10.1 tons per acre, 4,014 pounds crude protein per acre — during this week's Forage and Seed Conference held at Penn State.

Livestock market and auction news

Lancaster Market

Monday, Nov. 22
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	664	138	665	270
Last Monday	1205	179	703	340
Last Year	609	121	848	124
Monday's Auction	698	137	718	311
Last Monday's Auction	1086	198	728	364

CATTLE: Compared to last Monday slaughter steers mostly steady; slaughter heifers steady; cows mostly steady; bullocks 1.00-2.00 lower; bulls weak to 1.00 lower. Supply included 44% slaughter steers, 14% heifers, 20% cows, and 22% bulls.

SLAUHGTER STEERS: Few high Choice and Prime 3-4 1165-1330 lb. 61.75-62.85; Choice 2-4 1025-1450 lb. 60.00-62.25, few head 59.00-60.00; high Good and low Choice 2-3 1050-1325 lb. 55.75-58.75; Good 2-3 52.00-57.50; Good and Choice 1250-1550 lb. Holsteins 51.00-52.50, couple head 53.00-55.75, Standard and Good 1100-1400 lb. 45.75-49.75.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 54.00-57.00, few Choice 2 57.10-58.25; Good 2-3 850-1025 lb. 49.75-53.50.

COWS: Utility and Commercial 1-3 38.00-40.75, couple 41.50-43.50; Commercial 3-4 36.00-40.00; Cutter 1-2 35.50-39.25; Canner and low Cutter 33.25-36.00.

BULLOCKS: Choice 1050-1300 lb. 55.50-57.50, individual 1400 lb. 61.50; Good 1000-1250 lb. 52.00-55.50.

BULLS: Yield grade 1 1250-1800 lb. 50.75-53.75, few 54.00-55.50, couple to 57.50; yield grade 2 1000-1350 lb. 46.00-50.00.

VEAL CALVES: Vealers steady to weak, instances 5.00 lower; slaughter calves 3.00-5.00 lower. Demand fair for calves to return to farm.

VEALERS: Prime special fed 270-340 lb. 100.00-110.00; Choice 150-270 lb. 90.00-105.00, few 105.00-115.00; high Good and low Choice 160-280 lb. 70.00-90.00, 120-150 lb. 55.00-70.00, 80-115 lb. 40.00-50.00 few to 55.00, 60-75 lb. 38.00-42.00.

SLAUGHTER CALVES: Good and Choice 180-350 lb. 38.00-55.00.

RETURNED TO FARM: Bulk 95-115 lb. Holstien bulls 55.00-75.00; few 95-105 lb. Holstein heifers 60.00-65.00.

SHEEP: Wooled lambs 2.00-3.00 lower; slaughter ewes mostly steady.

WOOLDED LAMBS: Choice and Prime 85-110 lb. 53.00-57.00; Choice 70-100 lb. 47.00-53.00; Good 50-80 lb. 40.00-47.00; few Choice 20-30 lb. new crop lambs 125.00-145.00.

SLAUGHTER EWES: Utility and Good 12.00-20.00, few 20.00-25.00.

GOATS: All goats sold by the head, 28.00-40.00, mainly 30.00-35.00.

Vintage Auction

Tuesday, Nov. 23
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	841	1173	19	8
Last Tuesday	972	892	14	11
Last Year	699	924	38	

CALVES: Compared to last Tuesday slaughter steers 50 to mostly 1.00 higher; slaughter heifers steady to 50 higher; cows 50-1.00 higher, instances 2.00 higher on Utility; bulls 1.00 higher. Supply included 30% slaughter steers, 4% slaughter heifers, 47% cows, 3% bulls and 16% feeders.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1200-1425 lb. 63.75-65.00; couple Prime 3 1200-1325 lb. 66.75-67.10; Good and Choice 1-2 1100-1475 lb. 62.75-64.25, couple 65.00-65.60; Choice 2-4 1050-1450 lb. 60.00-62.50; mixed Good and Choice 2-3 1000-1375 lb. 57.75-60.00; Good 2-3 35.50-57.25; Good and Choice 1100-1375 lb. Holsteins 51.00-53.10; Standard 1-2 47.00-50.00.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 54.75-56.50, few yield grade 2 59.50-63.00; Good 2-3 850-1000 lb. 52.00-54.50.

COWS: Utility and Commercial 1-3 38.75-41.50, few 41.50-43.00, couple 43.50-44.00; Cutter 1-2 37.50-40.50, few 40.50-42.00; Canner and low Cutter 34.50-37.50.

BULLS: Yield grade 1 1350-1800 lb. 51.00-54.75, individual 2090 lb. 53.00; yield grade 2 1000-1450 lb. 47.00-51.00.

FEEDERS: Around 50 head Medium and Large 1 920-1100 lb. 55.50-59.00; couple lots Large Frame 1 475-530 lb. 65.50-69.50; one lot Medium 1 585 lb. 59.50 and couple lots Medium 1 430-445 lb. 55.50-56.50; one lot Large 1 Heifers 515 lb. 52.50; few lots Medium 1 560-780 lb. Heifers 47.85-49.85.

VEAL CALVES: Choice vealers not fully tested, other grades weak to 5.00 lower; supply mainly 80-115 lb. vealers with few 120-200 lb. and around 150 head 250-400 lb. slaughter calves. Supply included 609 in graded sale, calves weighing 60-125 lb. 69% of these sold to return to farm.

VEALERS: Couple Choice 170-200 lb. 112.00-118.00 and couple Choice 275-310 lb. 70.00-78.00; high Good and low Choice 160-250 lb. 66.00-80.00, 120-160 lb. 55.00-65.00, 80-110 lb. 44.00-52.00, 55-75 lb. 34.00-45.00.

SLAUGHTER CALVES: Good and Choice 275-350 lb. 37.00-50.00, few Choice 50.00-58.00.

RETURNED TO FARM: 40 head 100-115 lb. Holstein heifers 77.00-91.00; 25 head 90-95 lb. 72.00-76.00; 25 head 75-90 lb. 49.00-51.00 and 15 head small frame 100-110 lb. 80.00. 25 head 120-125 lb. Holstein bulls 74.50; 165 head 100-115 lb. 76.50-81.50; 45 head 90-95 lb. 70.50-71.50; 25 head 100-125 lb. small frame 62.00-66.00 and 70 head small frame 100-105 lb. 51.00-53.50.

SHEEP: No market test.

GOATS: No market test.

Lancaster Auction

Wednesday, Nov. 24
Report supplied by USDA

CATTLE: 250 (98 in auction). Compared to Monday insufficient volume to fully test trends, few sales all classes steady.

SLAUGHTER STEERS: Choice 2-4 1050-1325 lb. 59.75-61.25, few 61.50-62.25; few mixed Good and Choice 2-3 1000-1200 lb. 57.50-59.25.

SLAUGHTER HEIFERS: Few Choice 2 875-1075 lb. 56.75-58.75.

COWS: Utility 1-3 40.00-41.50; Cutter 1-2 38.00-39.50; few Canner and low Cutter 36.00-38.25.

BULLOCKS: Couple Choice 1125-1150 lb. 59.00; individual Good 55.00.

BULLS: Yield grade 1 1300-1800 lb. 50.00-53.10.

VEAL CALVES: 25. Small supply mainly high Good and low Choice 80-115 lb. selling at 40.00-52.00; individual Choice 180 lb. 90.00.

SHEEP 6. No Market test.

Lancaster Weekly

Friday, Nov. 24
Report supplied by USDA

	Cattle	Calves
This Week	1950	1350
Last Week	2608	1152
Last Year	1584	1061

CATTLE: Weekly review covering this first three days of the week. Small supply pre-holiday slaughter steers 50 to mostly 1.00 higher; slaughter heifers steady to 50 higher; cows 50-1.00 higher, instances 2.00 higher; bullocks steady; bulls 50-1.00 lower. Supply included 31 percent slaughter steers, 7 percent heifers, 29 percent cows, 10 percent bulls; balance feeders, many held for Friday's auction.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1165-1425 lb. 61.75-63.75, couple 63.75-65.00, three head 1200-1325 lb. 66.75-67.10; Good and Choice 1-2 1100-1475 lb. 62.75-64.25, couple 65.00-65.60; Choice 2-4 1025-1450 lb. 60.00-62.50, few 59.00-60.00; high Good and low Choice 2-3 1050-1375 lb. 57.00-60.00; Good 2-3 52.00-57.50; Good and Choice 1100-1550 lb. Holsteins 51.00-53.10, couple Choice 53.00-55.75, Standard and Good 1100-1400 lb. 45.75-50.00.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 54.00-57.00; few Choice 2 57.00-59.50, couple 61.00-63.00; Good 2-3 850-1025 lb. 49.75-54.50.

COWS: Utility and Commercial 1-3 38.50-41.50, few 41.50-43.50; Cutter 1-2 37.00-40.50, few 40.50-42.00; Canner and low Cutter 34.00-37.50.

BULLOCKS: Choice 1050-1300 lb. 55.50-57.50, couple 59.00-61.50; Good 1000-1250 lb. 52.00-55.50.

BULLS: Yield grade 1 1250-1800 lb. 50.75-54.75, few 54.75-55.50, couple 57.50; yield grade 2 1000-1450 lb. 46.00-51.00.

VEAL CALVES: Vealers steady to 5.00 lower; slaughter calves 3.00-5.00 lower. Demand fair for calves to return to farm.

VEALERS: Prime special fed 270-340 lb. 100.00-110.00; Choice 150-270 lb. 90.00-105.00, few 110.00-118.00; high Good and low Choice 160-280 lb. 66.00-80.00 few 80.00-90.00, 120-160 lb. 55.00-65.00, 80-115 lb. 40.00-52.00, few 52.00-55.00, 55-75 lb. 34.00-45.00.

SLAUGHTER CALVES: Good and Choice 180-250 lb. 37.00-50.00, few Choice 50.00-58.00.

RETURNED TO FARM: Bulk 90-115 lb. Holstein heifers 70.00-91.00; few 75-90 lb. 49.00-65.00. Bulk 90-125 lb. Holstein bulls 70.00-82.00; few 80-95 lb. 55.00-70.00; few small frame 100-105 lb. 51.00-55.00.

North Jersey Livestock

Hackettstown, N.J.
Wednesday, Nov. 24
Report supplied by auction

1197 head.

Calves 25.00-83.00; Cows 32.25-45.50; Easy Cows 25.00-38.50; Heifers 35.50-46.50; Bulls 36.50-57.50; Steers 42.00-67.00; Hogs 40.00-56.75; Roasting Pigs, each 10.00-32.00; Kids 5.00-39.00; Boars 40.00-45.00; Sows 35.00-48.00; Sheep 9.00-34.00; Lambs, each 13.00-56.00; Lambs, per lb. 32.00-71.00; Goats, each 10.00-63.00; Hides 3.00-8.00.

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11:00 A.M. — Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs
FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
9:30 A.M. — Slaughter Hogs
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1:30 P.M. - Fat Steers, Bulls, Cows & Veal
WEDNESDAY'S AUCTION
12:00 Noon - Dairy sale
1:30 P.M. - Feeder Pig Sale
THURSDAY'S AUCTION
11:00 A.M. - Beef Sale
Order of Sale, Bulls, Fat Steers, Cows, Veal
3:30 P.M. - Calf Sale
NEW HOLLAND SALES STABLES INC.
New Holland, PA
Abram W. Diffenbach, Manager
Phone 717-354-4341

Hog Markets

New Holland Hogs

Monday, Nov. 22
Report supplied by USDA

Today	1407
Last Monday	1509
Last Year	1342

TREND: Compared to last Monday barrows and gilts 75-1.00 higher.

BARROWS AND GILTS: US 1-2 200-240 lb. 56.75-57.50. US 1 200-245 lb. 57.75-58.75. US 1-3 225-260 lb. 56.00-56.75.

Lancaster Feeder Pigs

Tuesday, Nov. 23
Report supplied by USDA

Today	794
Last Tuesday	1269
Last Year	913

TRENDS: Compared to last Tuesday feeder pigs extremely uneven, mainly steady to 5.00 lower, although around 130 head US 1-2 40-50 lb. firm to 5.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 15 head 33 lb. 134.00; 13 head 39 lb. 106.00; 79 head 40-48 lb. 122.00-135.00; 130 head 40-49 lb. 102.00-119.00; 49 head 50-55 lb. 134.00-135.00; 100 head 53-57 lb. 105.00-126.00; 81 head 60-63 lb. 87.00-97.00; 18 head 72 lb. 90.00; 47 head 67-80 lb. 70.00-78.00

US 2-3: 12 head 35-37 lb. 105.00-111.00; 21 head 44-49 lb. 106.00-117.00; 18 head 57 lb. 100.00.

Lancaster Hogs

Monday, Nov. 22
Report supplied by USDA

HOGS: Compared to Wednesday barrows and gilts uneven, US 1-2 200-235 lb. 50-75 lower, other weights and grades fully steady.

BARROWS AND GILTS: US 1-2 200-255 lb. 57.00-57.60, several 57.75-57.85. US 1 200-245 lb. 58.00-58.25. US 1-3 230-275 lb. 56.50-57.25.

Tuesday, Nov. 23

Today	360
Last Tuesday	240
Last Year	161

TREND: Compared to Monday barrows and gilts 50-1.00 lower.

BARROWS AND GILTS: US 1-2 200-250 lb. 56.00-57.00. US 1 200-240 lbs. 58.00-58.50. US 1-3 200-265 lbs. 55.35-56.00. US 2-3 Few lots 270-275 lb. 51.00-52.60.

Wednesday, Nov. 24

HOGS: 400. Small supply barrows and gilts 50-1.00 higher than Tuesday.

BARROWS AND GILTS: US 1-2 200-245 lb. 57.25-58.00; US 1 200-245 lb. 58.25-59.00; US 1-3 230-270 lb. 56.25-57.25.

Peoria Hogs

Wednesday, Nov. 24
Report supplied by USDA

2000 - Barrows & gilts active, opening fully 50 higher. US 1-2 200-240 lb. 55.00-55.50, 60 head 55.75-56.00. US 1-3 200-250 lb. 54.50-55.00.

SOWS: Under 500 lb. fully steady, over 500 lb. 1.00-2.00 lower. (21%) US 1-3 350-500 lbs. 46.00-46.50; 500-650 lbs. 46.50-47.00, some 47.50.

St. Louis Hogs

Wednesday, Nov. 24
Report supplied by USDA

3500 - Barrows & gilts fairly active, 25-50 higher.

US 1-2 200-250 lb. 54.75-55.25. US 1-3 220-250 lbs. 54.00-54.75; 250-270 lbs. 52.75-54.00; 270-290 lb. 51.75-52.75.

SOWS: 50-2.00 lower, most decline on wts. over 450 lb. (About 12%) US 1-3 300-500 lb. 45.50, 500-650 lb. 46.00-48.50.

BOARS: Over 260 lb. 43.25; 200-260 lb. 49.00-49.50.

Indianapolis Hogs

Wednesday, Nov. 24
Report supplied by USDA

700 - Barrows & gilts moderately active, opening 50-1.00 higher. US 1-2 220-250 lbs. 55.25-56.00.

SOWS: Steady instances 50 lower. (5%) US 2-3 Package 640 lb. 49.00. Mixed US 1 & Medium 350-480 lb. 46.00-47.00.

BOARS: 200-600 lb. 40.00-43.00; few under 250 lb. 43.00.

New Holland Feeder Pigs

Wednesday, Nov. 24
Report supplied by USDA

Today	727
Last Wednesday	800
Last Year	963

TREND: Compared to last Wednesday feeder pigs 4.00-10.00 higher, most advance on 30-50 lb. weights. All pigs weighed on arrival and sold by the hundredweight.

US 1-2: 36 head 29 lb. 142.00; 46 head 30-39 lb. 120.00-129.00; 163 head 40-49 lb. 114.00-132.00; 105 head 50-59 lb. 98.00-111.00; 33 head 60-64 lb. 97.00-99.00.

US 2: 47 head 48 lb. 106.00-107.00; 20 head 68 lb. 88.00.

US 2-3 31 head 25-28 lb. 108.00-128.00; 104 head 30-39 lb. 102.00-126.00; 50 head 40-49 lbs. 92.00-101.00; 8 head 74 lb. 98.00.

Lancaster Hogs

Lancaster Stockyards
Saturday, Nov. 20
Report supplied by auction

1160 head.

US 1 215-245 lbs. 57.50-59.00, few 59.25-60.00; U.S. 1 & 2 215-245 lbs. 56.00-57.25; U.S. 2 & 3 215-255 lbs. 54.25-55.75; Heavyweights 258-270 lbs. 51.50-55.75; Sows 350 lbs. and up 46.00-54.50; Boars 200-300 lbs. 48.00-49.25, 300 lbs. and up 44.00-44.50.

Carlisle Auction

Carlisle, Pa.
Tuesday, Nov. 23
Report supplied by auction

CATTLE: Steers were steady; Cows were 2.00 higher with very active bidding; Bulls were steady. Steers: No Choice offered; Good 53.00-55.50; Standard 47.10-51.50; Utility 47.00 Down. Heifers: No Choice or Good offered; Standard 47.00-50.00; Utility 44.50 down (Few offered) Cows: Strong Demand! Utility & Commercial 39.00-41.75; Cutter 36.50-39.50; Canner & Low Cutter 33.25-36.00; Shells 30.00 Down. Bullocks: (Few offered) Utility 42.25-45.00. Bulls: No Yield Grade No. 1 offered; Yield Grade No. 2, 44.00-44.25.

FEEDER CATTLE: Steers were 3.00 lower; Heifers wee 3.00 lower; Bulls were 2.00 to 3.00 lower. Steers: Good 280-365 lbs. 49.00-54.00; Good 380-405 lbs. 52.50-53.00; Good 475-640 lbs. 50.00-52.50; Medium 540-545 lbs. 42.00-47.00; Utility 740-750 lbs. 35.00-39.50. Heifers: Medium 435 lbs., 43.00; Utility 560-737 lbs. 37.00-39.50. Bull: Good 545-585 lbs. 48.00-52.00; Medium 370-440 lbs. 42.50-47.00; Medium 425-500 lbs. 37.00-44.00.

CALVES: Vealers were 10.00 lower; Back to the Farm Calves were 5.00 lower for Hol. Bulls and 12.00 lower for Hol. Heifers. Vealers: Low Choice 57.00-78.00; Good 50.00-65.00; Standard 46.00-55.00; Light & weak 45.00 Down. Farm Calves: Hol. Bulls 68.00-75.00; Hol. Heifers 70.00-77.50.

HOGS: Steady prices. US No. 1-2 53.75-56.00; US No. 1-3 51.00-53.50. Sows: 1.00-1.50 lower; US No. 1-3, 51.00-54.50; No. 2-3 45.00-47.00. Boars: 4.00 higher! Average 42.00-46.00.

FEEDER PIGS: US No. 1-3 30-37 lbs. 30.00-41.00 hd. US No. 1-3 40-50 lbs. 39.00-44.00 Hd.

SHEEP: Lambs; Too few to test market. Goats: 20.00 to 40.00 Hd.

Chicago Grain Futures

(Closing Bids as of Thursday, Nov. 24)

	Corn	Wheat	Soybeans	Soybean Meal
Dec.	2.39¼	3.44¾		174.70
Jan.			5.74¼	
Mar.	2.45¾	3.61¾	5.84¼	176.10
May	2.52¾	3.67	5.94¼	177.30

Trend - Corn is higher, Wheat is higher, Soybeans are lower, Soybean Meal is higher.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, Nov. 23, 1982
Report supplied by PDA

CATTLE 150: Compared with last Tuesday's market, slaughter cows steady to $1 higher. Few Choice slaughter steers 58.35-58.75, One Good 54.75, few Good & Choice holsteins 52.25-56.75, one Standard 49.75, few Utility & Low Standard 38.75-41.00. One Choice slaughter heifer 54.00, one Good 54.25, few Standard 39.75-43.50, few Utility 34.00-36.85. Utility and Commercial slaughter cows 39.00-41.10, few 43.25, few 3-4, 34.25-41.25, Cutters 35.00-38.75, Canner & Low Cutter 29.75-34.85, Shells down to 23.00. Two Good slaughter bullocks 50.10 & 51.00, few Standard 45.75-49.75, few Utility 40.00-42.50. Two Yield Grade #1 slaughter bulls, 1335-1675 lbs. 48.50 & 48.85.

CALVES 230: Few Choice vealers 81.00-91.00, Standard & Good 90-120 lbs. 48.00-51.00, 60-85 lbs. 44.00-49.00, Utility 35-90 lbs. 32.00-40.00, few down $10.00. Farm Calves, holstein bulls 85-125 lbs. 55.00-77.00. Few holstein heifers 80-120 lbs. 49.00-55.00. Few Beef Cross bulls and heifers 60-105 lbs. 49.00-60.00.

HOGS 160: Barrows & gilts 50 cents to $1 higher. US No. 1-2 200-250 lbs. barrows & gilts 55.50-56.50, lot 56.50, No. 1-3, 200-250 lbs. 55.25-56.00, few No. 2-3, 230-280 lbs. 54.50-55.50, No. 1-3 130-190 lbs. 45.25-48.25. US No. 1 305-545 lbs. sows 47.25-51.75. Boars 41.00-45.25.

FEEDER PIGS 17: Few US No. 1-3 20-30 lbs. feeder pigs 50.00-64.00 cwt.

Futures Trading

(Closing Bids as of Wednesday, Nov. 24)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Dec.	60.00	56.02	
Feb.	57.37	56.05	
Apr.	57.87	52.82	6.60

Trend - Cattle are steady, Hogs are higher. Potatoes are lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

SHEEP 14: Few Choice 100-120 wooled slaughter lambs 44.00-46.00, Good 65-85 lbs. (one 140 lbs.) 44.00-48.00. One 160 lbs. yearling 30.00. Two slaughter ewes 15.00 & 16.00.

GOATS 2: 28.00 per head.

You Have A Choice

If you miss Monday, there is always Wednesday

Today, as in the past, Walter M. Dunlap and Sons offers all cattle feeders the choice of what day to market their fat cattle.

Either Monday or Wednesday, we will advise you to the best of our ability what day that week we think is most advantageous to you.

So, Monday or Wednesday, you have a choice. Give us a call for market conditions and honest advice.

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Tuesday, November 30 at 1 P.M.

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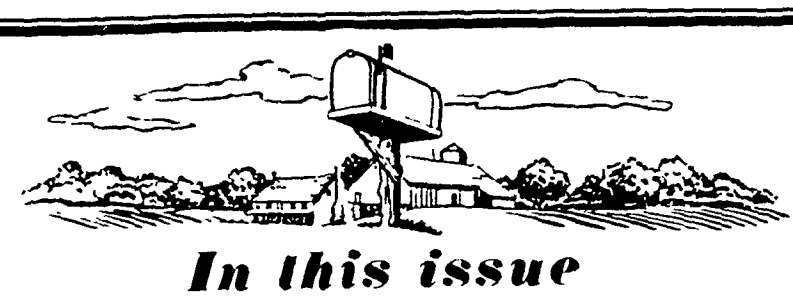
Lancaster Stockyards
Tel. (717) 397-5136
An Old Line Commission Firm
Keeping Abreast With The Times



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Poultry Markets

Weekly New York Egg Market

From Friday, Nov. 19 to Nov. 24

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	81	81	79	76	
Ex Large	75	75	74	71	
Large	71	71	71	68	
Mediums	63	63	62	58	
Pullets	49	49	49	47	
BROWN					
Jumbo	—	—	—	—	—
Ex Large	94	94	94	91	
Large	89	89	89	86	
Mediums	69	69	69	65	
Pullets					
Peewees	Unquoted				
Off Grade					
Large	61	61	60	57	
Checks	28	26	25	25	

Breaking Stock - Friday 10.50-10.80. Monday 9.90-10.20, Tuesday 9.60-9.90, Wednesday 9.60-9.90.

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N. E. Weekly Shell Egg Report

Tuesday, Nov. 23
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	93-97	89-93	77-81	50-53
Mostly	95-97	91-93	79-81	52-53
N. HAMP.	86-93	82-89	70-77	44-50
Mostly	88-90	84-86	72-74	46-48
R.I.	87-93	83-89	71-77	44-51
Mostly	87-89	83-85	71-73	44-47
VERMONT	95-1.02	89-99	77-88	—
Mostly	96-98	90-92	80-82	—
MAINE	95-96	91-92	79-80	52-54

X Includes Central and Western Sections only.

Delmarva Poultry

Wednesday, Nov. 24
Report supplied by USDA

Today's LT.L. asking prices 1-2 cents lower on U.S. Grade A at 41-45 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 11/24 1,304; Actual 11/17 1,331; Actual 11/22 1,721; Average Weights 11/22 4.34; 11/15 4.32.

Philadelphia Eggs

Friday, Nov. 26
Report supplied by USDA

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 66-75; A Large 65-70; A Medium 54-61.

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Established November 4, 1955
Published every Saturday
by Lancaster Farming, Lititz, PA
Second Class Postage paid at
Lititz, PA 17543 USPS 304 040

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Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, Nov. 23
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .65-.80 per lb.

MUSCOVY DUCKS, HENS: range .40-.62 per lb.

PEKIN DUCKS: range .35-.42 per lb.

PULLETS: 6-9 lbs. range .38-.48 per lb.

RED FOWL: 4-5 lbs. range .12-.18 per lb.

RED FOWL: 5-6 lbs. range .20-.32 per lb.

CROSSBRED FOWL: 6-9 lbs. range .20-.34 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .40-.72 per lb.

CROSSBRED ROOSTERS: 7-12 lbs. range .35-.58 per lb.

GUINEA FOWL: range 1.10-1.50 per lb.

BANTY ROOSTERS: range .50-2.50 ea.

BANTY HENS: range .25-1.00 ea.

LEGHORN ROOSTERS: range .15-.32 per lb.

LEGHORN HENS: range .05-.09 lb.

CAPON: 11-13 lb. range .74-.78 per lb.

GEESE: 8-20 lbs. range .32-.72 per lb.

TURKEYS: 17-21 lbs. range .54-.58 per lb.

PIGEONS: range .75-1.15 ea.

WHITE PIGEONS: range 1.00-1.50 ea.

RABBITS: 4-6 lbs. range .69-.92 per lb.

RABBITS: 7-11 lbs. range .50-.72 per lb.

GUINEA PIGS: range .20-.75 ea.

GOATS: range 22.00-41.00 ea.

KID GOATS: range 12.00-22.00 ea.

TOTAL AMOUNT COOPS: 768.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 c 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	Nov. 23 Tuesday
Class 1 - Large	48 lbs.	52
Class 2 - Large	45 lbs.	48
Class 3 - Medium	42 lbs.	43½
Class 4 - Small	39 lbs.	37
Breaking Stock	48 lbs.	36
Checks	48 lbs.	31½

Eastern Pa. & N.J. Poultry

Wednesday, Nov. 24
Report supplied by USDA

Light Type Hens: 11-12, prices paid at farm.

F.O.B. plant: 13-13½, mostly 13.

Heavy Type Hens: TFTR.

New York Multiple Drop Broiler Report

Thursday, Nov. 24
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 38-43; 1,638 boxes; Branded U.S. Grade A 43½-45; 7,587 boxes.

WTD. AVG.: U.S. Grade A 41.61; Branded U.S. Grade A 44.76.

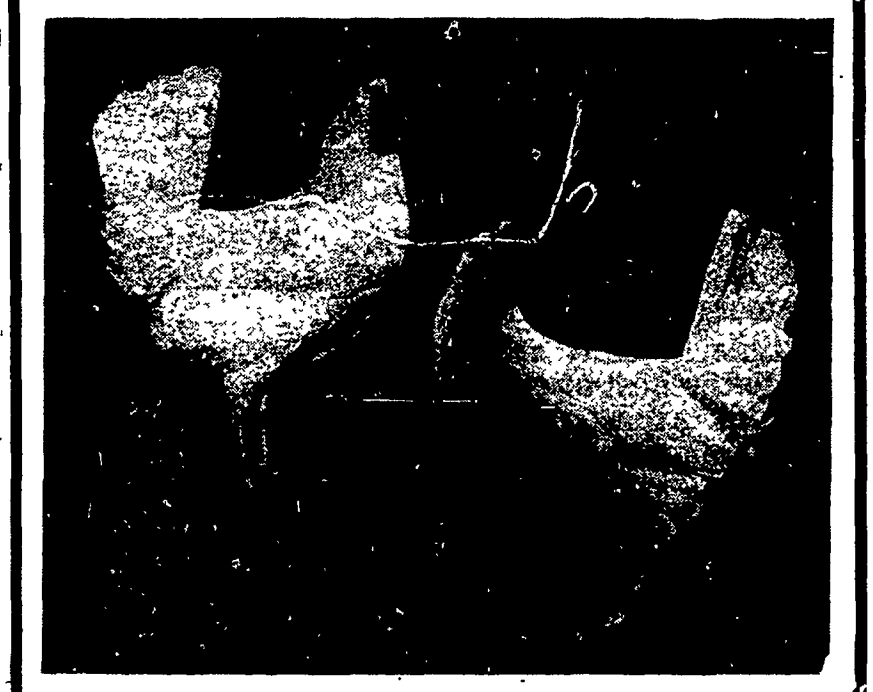
New Holland Hay

New Holland Sales Stables
Monday, Nov. 22
Report supplied by auction

107 loads.

Alfalfa Choice second and third cuttings 125.00-167.00, medium quality 101.00-125.00; Mixed Choice 110.00-126.00, mostly 95.00-110.00, some off-color or moldy down to 75.00; Timothy Choice 110.00-120.00, mostly 95.00-110.00, few down to 90.00; Mixed Grass 3 loads 97.00, 99.00, 100.00; Clover 2 loads 99.00 & 127.50; Straw mostly 60.00-75.00 few up to 91.00; Corn Fodder 47.00-52.00; Soybean Stems 36.00 & 38.00; Firewood 45.00-52.00 pickup load; Ear Corn new 60.00-72.00; Old Corn 80.00-85.00.

EGGS.
Light & Natural



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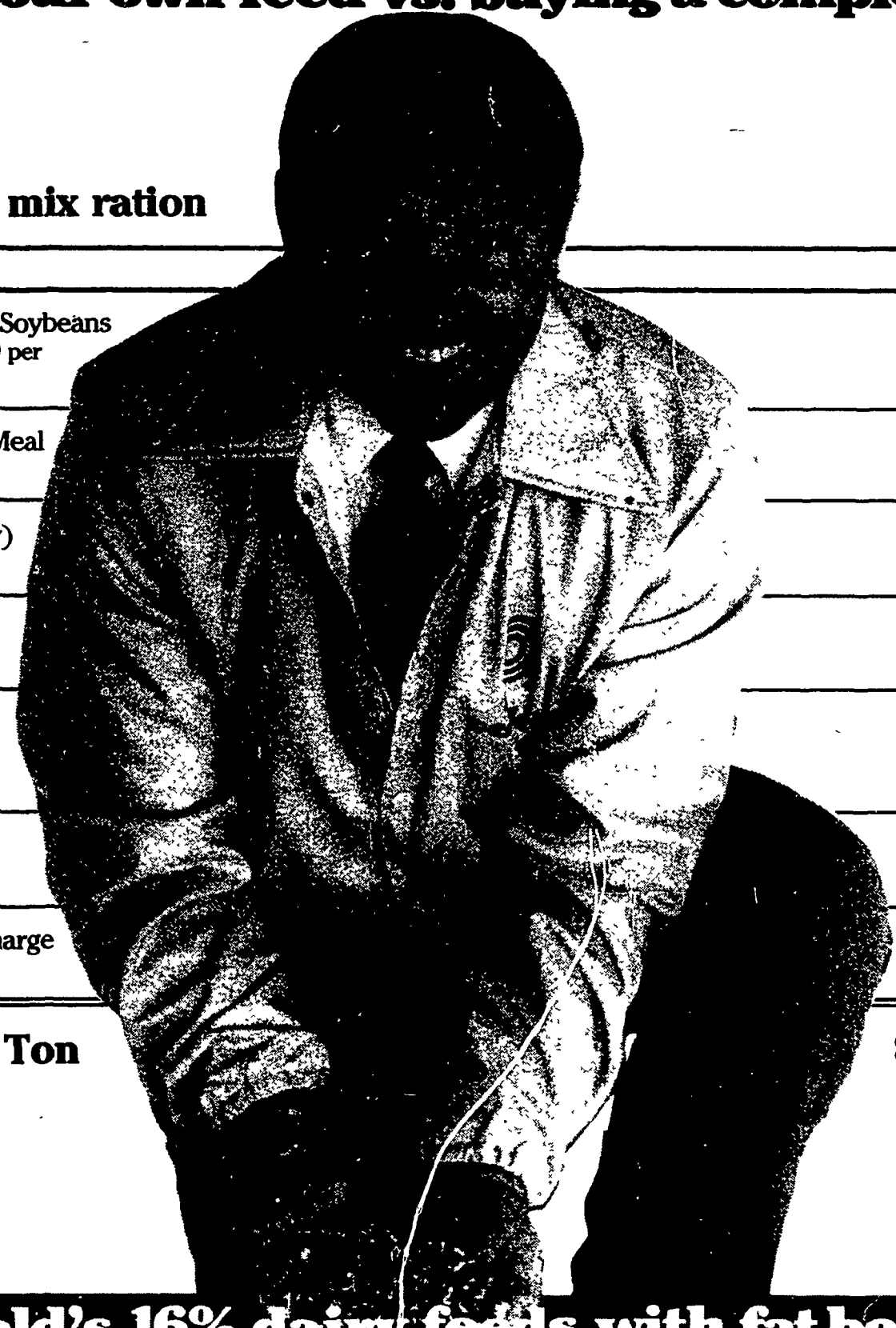
100 lbs. Molasses ($7.00 per 100 lbs.)	$ 7.00
60 lbs. Vitamin Mineral Premix ($18 per 40 lb. Bag)	$27.00
25 lb. Buffer Pack ($13.60 per 40 lb. Bag)	$ 8.50
Grinding and Mixing Charge ($9.50 per Mix)	$ 7.95
Your Cost Per Ton	**$157.22**



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* Prices effective Nov. 22, 1982 and subject to change with grain markets.

Livestock market and auction news

Hay Markets

Kiester's Hay
Middleburg, Pa.
Wednesday, Nov. 24
Report supplied by auction

14 loads.

Timothy 70.00-96.00; Mixed 81.00-115.00; Alfalfa 115.00-127.50.

Leinbach's Hay
Shippensburg, Pa.
Tuesday, Nov. 23
Report supplied by auction

21 loads.

Alfalfa 100.00-154.00; Mixed 117.00-150.00; Timothy 120.00; Clover 102.00-120.00; one Orchardgrass 107.00; Corn Fodder 40.00-45.00; one Straw 65.00; five pickup loads firewood 26.00-40.00 per load.

Good's Hay
Leola, Pa.
Wednesday, Nov. 24
Report supplied by auction

109 loads.

Mixed 68.00-110.00; Alfalfa 90.00-122.00; Timothy 73.00-115.00; Straw 51.00-84.00; Clover 58.00-115.00; New Corn 61.00-63.00; Old Corn 51.00-83.00; Corn Fodder 41.00-51.00.

New Wilmington Hay
New Wilmington, Pa.
Friday, Nov. 19
Report supplied by PDA

34 loads hay and 4 loads straw.

Alfalfa, 2 loads 93.00 & 123.00; Mixed hay, 62.50-95.00, one load 105.00; Timothy hay, 62.00-92.00; Clover, few 76.00-90.00; Straw, 40.00-55.00; Ear Corn, 2 loads 54.00 & 72.00; Stubble hay, one load 44.00; Oats, 2 loads 1.45 & 1.55 per bushel.

Regional Hay
Monday, Nov. 19
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay fully steady, Straw steady to strong.

Alfalfa 95.00-125.00; Mixed hay 80.00-90.00; Timothy hay 75.00-90.00; Straw 50.00-60.00, few reported 70.00; Mulch 25.00-40.00.

Green Dragon Hay
Ephrata, Pa.
Friday, Nov. 19
Report supplied by PDA

47 loads hay and 14 loads straw.

Alfalfa, 99.00-169.00; Mixed hay, 69.00-166.00, Mostly 99.00-116.00; Timothy hay. 90.00-111.00, One load 125.00; Clover. 2 loads 89.00 & 113.00; Orchard Grass, one load 107.00; Straw, 76.00-103.00, few down to 60.00; Ear Corn. 7 loads 69.00-75.00, few to 92.00; Corn Fodder. 16 loads 31.00-47.00; Oats. One load 2.20 per bushel.

Belleville Hay
Belleville, Pa.
Wednesday, Nov. 17
Report supplied by PDA

10 loads hay and 4 loads straw

Alfalfa, one load 100.00; Mixed hay, 97.00-100.00, one load 77.50; Clover, one load 120.00; Straw, 49.00 & 51.00.

Pa. Grain
Monday, Nov. 22
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa.: Corn steady to 15 cents higher. Wheat and Oats steady to 10 cents higher. Barley steady. New Ear Corn steady to $5 higher.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.30-2.60, average 2.45; Wheat No. 2 range 3.00-3.60, average 3.25, New Crop 3.45, Mostly 3.05-3.35; Barley No. 3 range 1.80-1.95, average 1.87; Oats No. 2 range 1.60-1.85, average 1.74; Soybeans No. 1 5.20-5.50, average 5.40; Grain Sorghum No. 2 range 1.90, average 1.90; Buckwheat range 9.80, average 9.80; Old Ear Corn range 66.00-75.00, average 69.28; New Ear Corn range 48.00-65.00, average 56.10.

Central Pa.

Corn No. 2-y range 2.20-2.55, average 2.40; Wheat No. 2 range 2.80-3.20, average 3.03; Barley No. 3 range 1.60-1.80, average 1.72; Oats No. 2 range 1.40-1.55, average 1.47; Soybeans No. 1 range 5.30, average 5.30; Grain Sorghum No. 2 range 2.50, average 2.50; Buckwheat range 10.00, average 10.00; Old Ear Corn range 60.00-70.00, average 64.14; New Ear Corn range 45.00-53.00, average 48.11.

South Central Pa.

Corn No. 2-y range 2.20-2.30, few reported 2.45, average 2.27; Wheat No. 2 range 2.85-2.95, few reported 3.30, average 2.97; Barley No. 3 range 1.70-1.80, average 1.76; Oats No. 2 range 1.60-1.80, average 1.64; Old Ear Corn range 60.00-65.00, average 62.50; New Ear Corn range 43.00-60.00, average 51.38.

Southeastern Central & South Central Summary

Corn No. 2-y range 2.20-2.60, average 2.40; Wheat No. 2 range 2.85-3.35, average 3.12; Barley No. 3 range 1.70-1.90, average 1.78; Oats No. 2 range 1.40-1.85, average 1.59; Old Ear Corn range 60.00-75.00, average 65.15; New Ear Corn range 45.00-60.00; average 52.04.

Western Pa.

Corn No. 2-y range 2.20-2.35, few reported 2.50, average 2.32; Wheat No. 2 range 2.80-2.90, average 2.88; Barley No. 3 range 1.80-1.85, average 1.83; Oats No. 2 range 1.40-1.70, average 1.54; Buckwheat range 9.00, average 9.00; Old Ear Corn range 65.00, average 65.00; New Ear Corn few reported 60.00, average 60.00.

Pa. Feed Prices

Commodity	Unit	10/15/81	9/15/82	10/15/82
Chick Starter	Ton	$215.00	$210.00	$205.00
Broiler Grower	Ton	210.00	200.00	197.00
Turkey Grower	Ton	220.00	215.00	210.00
Laying Feed	Ton	195.00	196.00	193.00
Dairy Feed 16%	Ton	191.00	179.00	176.00
18%	Ton	192.00	187.00	183.00
20%	Ton	205.00	195.00	190.00
32%	Ton	255.00	250.00	250.00
Hog Feed, 14-18%	Cwt.	10.40	10.00	10.10
38-42%	Cwt.	15.00	15.00	14.30
Beef Cattle Concentrate 32-36%	Cwt.	12.50	13.00	12.00
Bran	Cwt.	9.50	9.30	9.20
Middlings	Cwt.	8.70	8.70	9.10
Corn Meal	Cwt.	8.30	7.50	8.10
Soybean Meal, 44%	Cwt.	14.00	12.80	12.40
Feed Price Ratios 2/				
Milk-Feed	Lbs.	1.52	1.51	1.59
Egg-Feed	Lbs.	6.4	5.4	5.9
Broiler-Feed	Lbs.	2.6	2.6	2.6
Turkey-Feed	Lbs.	-	-	-
Hog-Corn	Bu.	19.1	25.8	25.1

1/Preliminary. 2/Lbs. of feed equal in value to 1 doz. eggs, 1 lb. of milk, broilers and turkey and bushels of corn equal in value to 100 lbs. of hogs.

Penns Valley Livestock
Centre Hall, Pa.
Wednesday, Nov. 24
Report supplied by auction.

Beef Cows: Utility and Commercial 39.10-43.35; Cutters 36.25-38.45; Canners 31.50-35.25; Shells 28.50.

Heifers: Good 50.50-55.25; Standard 45.00-48.50; Commerical 33.75-42.25.

Steers: Choice 51.50-54.25; Good 46.25-50.25; Standard 42.10-45.50.

Bulls: Good 45.10-48.25; Standard 41.10-44.75.

Feeder Cattle: 300-500 lbs large frame 40.10-49.10; 300-500 lbs. small frame 36.50-41.20; 500-700 lbs. large frame 30.60-42.40; 500-700 lbs. small frame 34.10-38.60.

Veal Calves: Choice 74.50-81.25; Good 54.50-72.50; Standard 48.25-53.25; Utility 35.50-47.50.

Farm Calves: Bulls 65.00-80.00; Heifers 60.00-72.00.

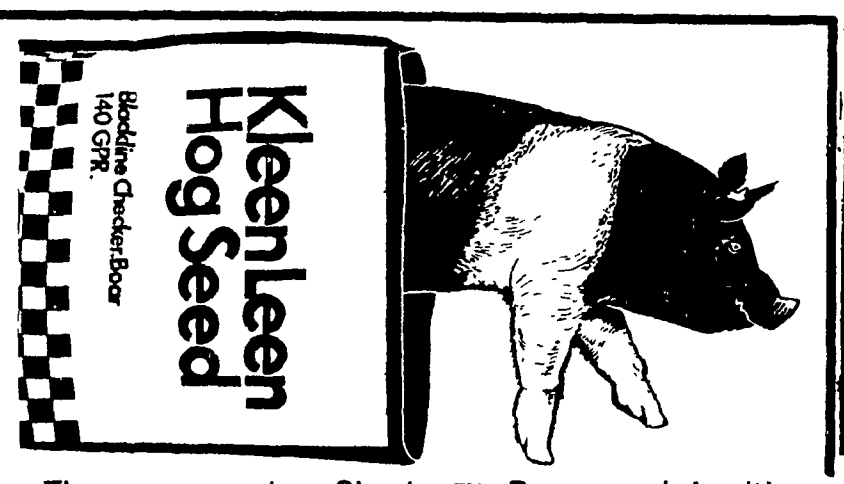
Hogs: 52.00-54.75.

Sows: 45.00-53.00.

Boars: 36.00-40.50.

Shoats: 25-30 lbs. per head 11.00-21.00; 30-35 lbs. per head 20.00-29.00; 35-50 lbs. per head 28.00-38.00.

Lambs: 35.00-44.00.



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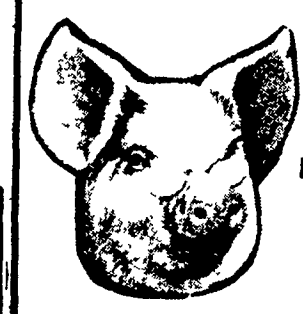

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- No commission or yardage deducted from check.
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Livestock market and auction news

Lancaster Feeder Cattle

Friday, Nov. 19
Report supplied by USDA

Today	665
Last Friday	968
Last Year	743

TREND: Compared to last Friday feeders mostly steady, instances firm on weights 450-600 lb. Supply included around 300 head in lots of 5-15, balance sold in lots of four or less.

FEEDER STEERS: Medium Frame 1: Several lots 500-600 lb. 56.00-58.00; few lots 600-650 lb. 58.25-60.00; 700-775 lb. 58.50-59.50; 875-950 lb. 59.25-59.50. Large Frame 1: One lot 595 lb. 62.25. Medium Frame 1-2: Couple lots 535-560 lb. 54.50-55.50; one lot 735 lb. 57.50 and one lot 875 lb. 56.10. Large Frame 2 Holsteins: Couple lots 600-700 lb. 41.00-43.00; one lot 840 lb. 46.10 and one lot 1025 lb. 45.35.

FEEDER HEIFERS: Medium and Large Frame 1: One lot 435 lb. 46.50.

FEEDER BULLS: Medium Frame 1: One lot 465 lb. 55.00.

New Holland Horse

New Holland Sales Stables
Monday, Nov. 22
Report supplied by auction

Reported receipts of 258 head of horses, mules, and ponies. Market: stronger.

Local Work horses 870.00-1100.00; Better horses 525.00-700.00, rew registered 850.00-1310.00; Driving horses 350.00-800.00; Riding horses 325.00-475.00; Lightweight killers 200.00-375.00; Heavyweight killers 425.00-620.00; Mare Ponies 35.00-75.00; Colts 15.00-30.00; Geldings 35.00-75.00; Larger ponies 100.00-175.00.

Dewart Livestock

Dewart, Pa.
Monday, Nov. 22
Report supplied by PDA

CATTLE 251: Compared with last Monday's market, slaughter steers .75-2.00 lower, slaughter cows .50-1.50 lower. Few Choice Yield Grade 2-4 slaughter steers, 1070-1130 lbs. 57.25-58.00, Good 51.25-55.25, Standard 45.00-51.50. Choice slaughter heifers individual 56.25 & 61.00, few good 47.00-50.75. Utility & Commercial cows 36.25-39.00, couple 41.75, Cutters 34.50-37.50, Canner & Low Cutter 31.50-34.50, Shells down to 25.00. Yield Grade #1, 900-1650 lbs. bulls 44.25-49.25.

CALVES 209: Couple Choice 86.00 & 87.00, Good 65.00-80.00, Standard & Good 70-105 lbs. 40.00-51.00. Farm calves, holstein bulls 90-130 lbs. 50.00-75.00.

HOGS 203: Barrows and gilts 1.00 higher. US No. 1-2, 200-250 lbs. barrows & gilts 55.90-56.90, few lots 1-3, 220-260 lbs. 56.00-56.50. Few No. 1-3 180-185 lbs. 50.50-51.25. US No. 1-3 300-660 lbs. sows 49.00-54.00. Boars 40.00-49.00.

FEEDER PIGS 234: US No. 1-3, 12-18 lbs. feeder pigs 15.00-21.00 per head, No. 1-3 20-35 lbs. 27.00-33.50, No. 1-3 40-45 lbs. 36.50-41.00, lot 1-3, 65 lbs. 51.50 per head.

SHEEP 38: Choice 85-115 lbs. wooled slaughter lambs 50.00-57.00, slaughter ewes 12.00-17.00.

GOATS 5: 23.50-29.50 per head.

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, Nov. 22
Report supplied by Auction

CATTLE 324: Choice slaughter steers 57.00-59.00, Good 52.00-56.00, Standard 45.00-52.50, Utility 39.50-42.00. Choice slaughter heifers 55.00-58.00, Good 48.00-52.00, Standard 44.50-48.00, Utility 39.00. Utility & Commercial slaughter cows 37.00-42.25, Cutters 35.00-37.50, Canner & Low Cutter 30.00-35.50, Shells down to 25.00. Yield Grade #1 bulls 46.00-50.50, Yield Grade #2 40.00-46.50. Medium Frame #1 300-700 lbs. feeder steers 48.00-56.50. Medium Frame #1 300-600 lbs. feeder heifers 42.25-47.50, Medium Frame #2 300-600 lbs. 35.00-42.00. Medium Frame #1 300-700 lbs. feeder bulls 48.00-56.50.

CALVES 288: Choice vealers 80.00-84.00, Good 67.00-79.00, Standard & Good 90-110 lbs. 43.00-55.00, 70-90 lbs. 35.00-50.00, Utility 50-100 lbs. 19.00-34.00. Farm Calves, holstein bulls 85-130 lbs. 58.00-71.00, Farm Calves, holstein heifers 90-135 lbs. 45.00-60.00.

HOGS 77: US No. 1-2, 200-245 barrows & gilts 53.00-57.50, No. 1-3 200-255 lbs. 51.00-52.75, few No. 1-3 43.50. US No. 1-3 300-600 lbs. sows 45.00-50.50, No. 2-3 300-650 lbs. 42.00-46.00. Boars 42.00-43.75.

FEEDER PIGS 31: US No. 1-3 20-35 lbs. feeder pigs 28.00-31.00 per head, few Utility 13.00 per head.

SHEEP 93: Choice 80-100 lbs. wooled slaughter lambs 48.00-54.00, Good 60-95 lbs. 46.00-50.00. Slaughter ewes 11.50-18.00.

GOATS 15: 8.00-12.00 per head.

New Wilmington Livestock

New Wilmington, Pa.
Monday, Nov. 22
Report supplied by PDA

CATTLE 311: Compared with last Monday's market, slaughter cows .50-1.00 higher. Choice slaughter steers 55.50-59.50, Good 52.00-56.00, Standard 43.00-51.00, Few Utility 37.00-41.00. Few Choice slaughter heifers 55.00-56.00, Good 49.50-52.00, Standard 43.00-48.00, Utility 38.00-43.00. Utility & Commercial slaughter cows 37.25-42.00, Yield Grade 4-5 35.00-40.00, Cutters 34.00-38.00, Canner & Low Cutter 27.00-34.00, Shells down to 20.00. Individual Choice slaughter bullock 53.75. Yield grade #1, 1000-1750 lbs. slaughter bulls 44.00-48.50, Yield Grade #2, 950-1600 lbs. 38.00-44.50. Medium Frame #1 390-700 lbs. feeder steers 45.00-51.00. Medium Frame #1 350-600 lbs. feeder heifers 40.00-49.50.

CALVES 288: Vealers, Good & Choice 5.00 higher, Standard & Good about steady. Few Choice vealers 90.00-102.00, Good 70.00-85.00, Standard & Good 90-120 lbs. 42.00-51.00, 60-85 lbs. 33.00-43.00, Utility 45-90 lbs. 12.00-32.00. Farm calves, holstein bulls 95-130 lbs. 45.00-55.00, holstein heifers 75-120 lbs. 42.00-62.00.

HOGS 387: Barrows and gilts .50-1.00 higher. US No. 1-2 210-260 lbs. barrows and gilts 55.50-57.00, No. 1-3, 200-270 lbs. 53.80-55.75. Few No. 2-3 260-280 lbs. 48.50-51.00, few No. 1-3 130-180 lbs. 47.00-49.00. US No. 1-3, 350-600 lbs. sows 46.00-50.00, No. 2-3, 300-650 lbs. 43.75-47.00. Boars 43.00-47.00.

FEEDER PIGS 35: US No. 1-3 25-40 lbs. feeder pigs 23.00-33.00 per head, few No. 1-3 70-75 lbs. 48.00-50.00 per head.

SHEEP 127: Wooled slaughter lambs about steady. Choice 80-95 lbs. wooled slaughter lambs 50.00-57.00, Couple small lots to 60.00, 100-115 lbs. 40.00-45.00, Good 60-85 lbs. 41.00-45.00, Utility 45-65 lbs. 35.00-40.00. Slaughter sheep 8.00-20.00.

Westminster Livestock Auction

Westminster, Md.
Tuesday, Nov. 23
Report supplied by auction

BUTCHER COWS: Steady to 50 cents higher. High Yield 41.00-43.75; Standard & Utility 38.00-41.00; Canners 33.00-38.00; Shelly 35.00 down. Slaughter Bulls- Good Heavy Weights to 53.00. Fed Steers- Choice 56.00-58.25; Good 52.00-56.00; Holsteins 46.00-48.00; Heifers- Few Commercial to 46.75.

BUTCHER HOGS: Few offered. US #1 & 2 240-260 lb. 52.25-53.00; 270-385 lb. 47.50-52.00. Sows- 420-615 lb. 57.00-48.75. Boars- 370-470 lb. 40.00-40.15.

VEAL CALVES: Small cfs $2 lower. Good & Choice 70.00-90.00; Standard 55.00-65.00. Killers 80-100 lb. 45.00-50.00; Weak & Rough 45.00 down.

CALVES RETURNED TO FARM: Holstein Bulls 90-120 lb. 52.00-66.00, mainly 59.00-65.00.

LAMBS: 1 Choice 125 lb. 44.00; Sheep 5.00-10.00.

STOCK CATTLE: Light run. Steers- Few Choice 600-850 lb. 57.50-59.00, few 300-500 lb. 50.00-56.00. Heifers- 300-700 lb. 42.00-50.00. Bulls- Choice 600-800 lb. 57.00-62.00; Medium to 44.50.

PIGS AND SHOATS: Large Run - steady to $3 lower. By the Head 15-30 lb. 15.00-27.00, 30-60 lb. 24.00-41.00. By the Lb. 80-100 lb. 49.00-58.00. For Slaughter 100-145 lb. 28.00-42.00.

SPECIAL NOTICE
VINTAGE SALES STABLES, INC.
10 miles East of Lancaster
Paradise, PA
HAY, STRAW & GRAIN AUCTION
Every Thursday at 1:00 P.M.
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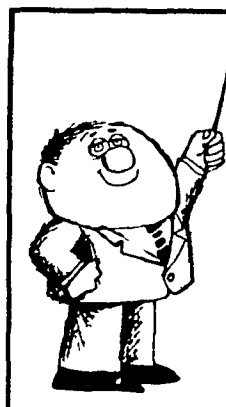
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CLOSED WEDNESDAYS

Livestock market and auction news

THE OLD FARMER'S ALMANAC

NOV. 29-DEC. 5, 1982

Clear, means winter's near.

For power blackouts, stock up on candles now . . Space chimp Enos orbited Earth twice Nov. 29, 1961 . . . Full moon Nov. 30 (Tues.) . . Average length of days for the week, 9 hours, 18 minutes . . . Chicago police raided Black Panthers Dec. 4, 1969 . . Phi Beta Kappa founded Dec. 5, 1776 . . . *For a happy marriage, never speak loudly to one another unless the house is on fire*

Ask the Old Farmer: Our roof is covered with wooden shingles and it needs to be redone Can we use asphalt shingles on top of the wooden ones? W.S , Provincetown, Mass

No. You must remove all wooden shingles, and drive in all loose nails to get a smooth surface for asphalt shingles.

Home Hints: Ice cube trays won't stick in the freezer if you put waxed paper under them

OLD FARMER'S WEATHER FORECAST

New England: Week's beginning is cloudy and cold; clearing, mild rest of week.

Greater New York-New Jersey: Very cold to start; midweek is partly sunny; rain develops over weekend

Middle Atlantic Coastal: Cloudy and cold, beginning of week; sunny and mild, then cold, midweek; rainy, cool weekend.

Piedmont & Southeast Coastal: Week begins with cloudy skies, cold temperatures, showers; sunny and mild, then showers, to end week.

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Morrison Cove Livestock

Martinsburg, Pa.
Monday, Nov. 22
Report supplied by Auction

CATTLE 240: Choice slaughter steers 56.25-59.60, Good 52.50-56.10, Standard 46.50-51.25, Utility 36.25-45.50. Choice slaughter heifers 56.10-57.25, Good 52.50-54.10, Standard 44.50-50.25, Utility 34.50-42.50. Utility and Commercial slaughter cows 42.50-44.25, Commercial 40.25-42.10, Cutters 36.50-39.10, Canner & Low Cutter 32.25-35.75, Shells down to 25. Good slaughter bullocks 47.25-49.50, Standard 42.50-44.75, Utility 35.25-40.50. Yield Grade #1 slaughter bulls 48.50-51.25, Yield grade #2 43.50-46.25. Feeder steers 54.50-56.75, Good 50.25-52.50, Medium 42.50-48.50. Good feeder heifers 44.50-50.25, Medium 39.50-42.50. Good feeder bulls 51.25-53.50, Medium 42.50-48.75.

CALVES 366: Prime vealers 91.50-94.50, Choice 82.50-86.50, Good 72.50-78.50, Standard & Good 110-130 lbs. 52.50-62.50, 90-110 lbs. 45.00-50.50, 70-90 lbs. 40.50-45.50, Utility 25.00. Farm calves, holstein bulls 90-130 lbs. 60.50-74.50, holstein heifers 95-130 lbs. 60.50-84.50.

HOGS 216: US No. 1-2 200-240 lbs. barrows & gilts 57.10-58.25, No. 1-3 200-250 lbs. 56.10-57.25. No. 2-3 200-280 lbs. 55.10-56.25, No. 2-3 250-320 lbs. 54.00-55.10. US No. 1-3 350-450 lbs. sows 50.25-53.25, No. 2-3 400-600 lbs. 50.25-51.75. Boars 40.50-42.50, Light weights 42.75-44.00.

FEEDER PIGS 109: US No. 1-3 25-40 lbs. feeder pigs 22.50-44.50 per head, No. 1-3 40-75 lbs. 44.50-50.50 per head.

SHEEP 18: Choice 90-100 lbs. wooled slaughter lambs 48.50-53.25, Good 85-100 lbs. 44.25-48.25.

GOATS 8: 12.00-42.50 per head.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, Nov. 22
Report supplied by auction

Total No. of Head 481.

Holstein Hfr. Calves to 62.50; Veal Calves to 82.50; Vealer Bull Calves 52.00-60.00; Slaughter Calves 45.00-52.00; Grassers & Feeders 31.00-49.75; Lambs 35.00-43.00; Sheep 7.00-12.00; Hogs, 200-250 lbs. 48.00-54.00; Sows 46.00-50.00; Boars 36.00-42.00; Pigs 15.00-44.50; Heifers 37.00-41.25; Steers, medium to 47.50; Steers, feeder 38.00-49.00; Bulls 42.00-50.00; Cows, utility 38.00-39.75; Cows, fat 37.00-39.00; Cows, medium 34.00-36.00; Cows, poor or small 25.00-31.00; Cattle market steady; Calf market steady; Horses small to 280.00; Ponies to 60.00; Goats 23.00-45.00; Hay to 52.00 per ton; Straw none.

Venison can spoil quickly

HARRISBURG—Hunters are urged by the Game Commission to take proper care of or have their deer processed as quickly as possible to prevent spoilage during warm weather. Skinning out the animal also helps reduce the chance of spoilage.

Some thought should be given to the spot where a deer is hung. In recent years, a number of deer hanging from camp poles were stolen or eaten by hungry bears.

Green Dragon Livestock Sales
1 Mile North of Ephrata, PA

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BUYERS FROM 3 STATES
Regular consignments from Bob Kennedy & Ed Stover plus 15 other local consignors.

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SALE EVERY FRIDAY
Bulls, Steers, Slaughter Cows, Lambs and Veal Calves
11:00 A.M.-Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M.-Dairy Cows
7:00 P.M.-Small Animal Sale

For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.
WALTER H. RISSER, Proprietor

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12 Miles East of Lancaster
on Route 23, New Holland, Penna

WEEKLY FEEDER PIG SALE EVERY WEDNESDAY
Sale to Start at 1:30 P.M.

We Will Receive Your Pigs Anytime From 7 A.M. Wed. Morning
State Graded Until 12 Noon.
All pigs inspected by State Approved Veterinarian.

Calf Sale To Be Held Every Thursday At 3:30 P.M.
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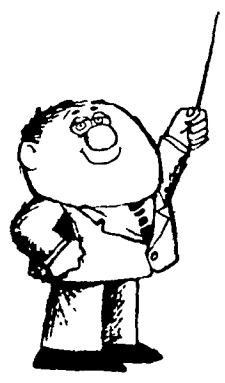

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FRIDAY, DECEMBER 24
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 1:00
Every 4 Weeks

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.

50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.

Validated Brucellosis Free Herd #169
Qualified Pseudorabies Free Herd #53

Local Trucker Available.
No Hogs Sold On Commission.

CHRIST A. BEILER
R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer

NEXT SALE DATE JANUARY 21

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- Have rising production costs made it difficult for you to turn on a profit?
- Now there is an aid available to help you evaluate those production costs.

This aid rapidly provides a Decision Factor based on the current financial status of your operation so you can make sound decisions when you need to make them.

This Decision Factor aid also provides a record for future reference and trend tracking

For $5.25 you will receive Decision Factor with instructions on how to use it. Send $5.25 in check or money order to Agri-Economics Unlimited, Box 87, Bowmansdale, Pa. 17008. No cash please. Allow up to four weeks for delivery.

Agri-Economics Unlimited,
Box 87, Bowmansdale, PA 17008

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Livestock market and auction news

Virginia Auction Summary

Nov. 18-24
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 7,721.

TREND: Steady to 1.00 higher, some instances $2 higher.

Northern, Va.
Auction Summary
Nov. 18-24

STEERS: 300-500 lbs. Medium 1 54.00-65.00; Large 1 57.50-65.50; Small 1 51.00-61.00. 500-700 lbs. Medium 1 54.00-66.00; Large 1 58.50-66.75; Small 1 48.00-58.00. 700-1000 lbs. Medium 1 50.00-62.00; Large 1 52.00-62.00; Small 1 54.00-57.00.

HEIFERS: 300-500 lbs. Medium 1 37.50-49.00; Large 1 39.00-42.00; Small 1 39.50-51.50. 500-700 lbs. Medium 1 38.00-49.50; Large 1 42.00-53.50; Small 39.00-46.00. 700-900 lbs. Medium 1 38.50-48.50.

Southwest Va.
Auction Summary
Nov. 18-24

STEERS: 300-500 lbs. Medium 1 54.75-66.00; Large 1 54.00-66.00; Small 1 46.00-57.00. 500-700 lbs. Medium 1 52.00-61.00; Large 50.00-60.50; Small 1 46.00-56.00. 700-1000 lbs. Medium 1 48.00-59.00; Large 1 52.00-59.00; Small 1 47.75-52.00.

HEIFERS: 300-500 lbs. Medium 1 40.00-51.50; Large 1 42.00-53.00; Small 1 37.00-46.00. 500-700 lbs. Medium 1 40.00-51.25; Large 1 42.25-53.00; Small 1 32.00-44.00. 700-900 lbs. Medium 1 38.00-47.00; Large 1 40.75-49.00; Small 1 36.00-39.50.

Southeast Va.
Auction Summary
Nov. 18-24

STEERS: 300-500 lbs. Medium 1 45.00-53.00; Small 1 31.50-40.50. 500-700 lbs. Medium 1 58.00-58.25.

HEIFERS: 300-500 lbs. Medium 1 35.00-44.00. 500-700 lbs. Medium 1 41.00-46.25.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, Nov. 20
Report supplied by auction

FEEDER CATTLE: Steers: M&L-1 300-500 lbs. 55.00-64.50; 500-700 lbs. 54.00-62.75; 700-1000 lbs. 51.50-58.00; Holstein 300-1000 lbs. 40.00-49.00. S-1&M&L-2 300-500 lbs. 49.00-56.25; 500-700 lbs. 48.00-56.50. Feeder Bulls: M&L-1 300-500 lbs. 53.00-59.00; 500-700 lbs. 47.00-53.75; 700-1000 lbs. 42.00-47.00. S-1&M&L-2 300-500 lbs. 49.00-53.00; 500-700 lbs. 41.00-45.00. Heifers: M&L-1 300-500 lbs. 42.00-46.50; 500-700 lbs. 42.00-46.50; 700-800 lbs. 44.25-47.50. S-1&M&L-2 300-500 lbs. 39.50-45.00; 500-700 lbs. 37.00-43.75. Stock Cows: Baby Calves 20.00-62.00 mostly 35.00-52.00.

SLAUGHTER COWS: 1.50 lower. Utility & Commercial 2-4 33.00-38.75; Canner & Cutters 1-3 28.50-32.75.

SLAUGHTER BULLS 1&2: 44.50-52.00.

LAMBS: .25 higher. High Choice & Prime 50.00; Choice 48.75; Feeder Lambs Choice 50.50; Slaughter Ewes 9.00-13.00.

HOGS: US 1-3 200-240 lbs. 53.75; Sows 1-3 49.50-54.50; Boars 39.00.

SLAUGHTER CALVES: Good & Choice 47.00-60.00.

G&M Livestock

Monday, Nov. 22
Duncansville, Pa.
Report supplied by auction

Compared to last week: Steers weak, Cows lower, Hogs higher.

STEERS: High Choice and Prime none offered; Good to Choice 56.00-60.10; Standard to Good 52.00-56.00; Utility 43.00-52.00.

HEIFERS: High Choice and Prime 56.00-58.85; Good to Choice 50.00-56.00; Standard 46.00-50.00; Utility 40.00-46.00.

FEEDER STEERS: Good to Choice 300-600 lbs. 48.00-61.50. Feeder Heifers 300-600 lbs. 38.00-46.00.

BULLS: 1100-1900 lbs. 47.00-55.85; 900-1100 lbs. 44.00-52.00.

COWS: High Choice to Prime 40.00-42.00, couple to 44.50; Good 38.00-40.00; Standard 36.00-38.00; Utility 32.00-36.00; Cutters 28.00-32.00; Canners down to 25.00.

CALVES: High Choice 85.00-94.00; Good to Choice 70.00-85.00; Standard to Good 50.00-70.00. Utilty 30.00-50.00. Farm Calves Hol. Bulls 90-120 lbs. 65.00-80.00. Farm Calves Hol. Heifers 90-120 lbs. 70.00-92.50.

FEEDER PIGS: 25-35 lbs. 25.00-35.00; 35-50 lbs. 35.00-52.00.

HOGS: 200-240 lbs. 55.00-58.50; 170-300 lbs. 52.00-56.50..

SOWS: 52.00-57.50.

BOARS: 42.00-48.00.

LAMBS: 42.00-50.00.

SHEEP: 12.00-18.00.

Keisters Middleburg Liverstock

Middleburg, PA
Tuesday, Nov. 23
Report supplied by PDA

CATTLE 251: Compared with last Tuesday's market, slaughter cows steady to 75 cents higher. Few Choice Yield Grade 2-4, 1000-1200 lbs. slaughter steers 58.50-59.75, Good 53.50-57.00, individual 58.25, few Standard 45.00-53.75, few Utility 41.75-44.75. Few Choice slaughter heifers 54.35-57.00, few Good 53.10-54.60, few Standard 45.00-49.25. Utility and Commercial slaughter cows 37.75-41.10, Cutters 35.75-38.00, few Canner and Low Cutter 33.75-35.75, Shells down to 20.50. Yield Grade #1 bulls 1060-2020 lbs. 45.00-51.85, couple down to 43.60. Few Large Frame #1 650-850 lbs. feeder steers & bulls 53.00-58.50, few Medium Frame #1 375-550 lbs. feeder heifers 38.00-41.00.

CALVES 142: Choice vealers 83.00-94.00, individual 101.00, few Good 60.00-77.00, few Standard & Good 100-115 lbs. 50.00-60.00, 70-100 lbs. 40.00-51.00. Farm calves, holstien bulls 90-130 lbs. 50.00-69.00.

HOGS 466: (Monday) Barrows and gilts $1.50 higher. US No. 1-2 215-235 lbs. barrows and gilts 56.60-57.85, few 58.25, No. 1-3 190-250 lbs. 55.50-56.60, No. 2-3 190-270 lbs. 54.00-55.50. US No. 1-3, 300-500 lbs. sows 51.00-56.25, No. 2-3, 300-725 lbs. 45.00-51.00. Boars 45.00-46.00.

TUESDAY 82: Few lots 1-3, 220-230 lbs. 54.00-55.00

FEEDER PIGS 400: US No. 1-3, 20-35 lbs. feeder pigs 28.00-42.00 per head, No. 1-3, 35-55 lbs. 37.00-49.00 per head.

SHEEP 10: Few Choice 85-115 wooled slaughter lambs 45.00-49.00, few Good 50-80 lbs. 37.00-44.50. Few slaughter ewes 10.50-16.50.

GOATS 7: 12.50-42.00 per head.

New Holland Dairy

New Holland Sales Stables
Wednesday, Nov. 24
Report supplied by auction

Reported receipts of 167 cows, 108 heifers, and 6 bulls. Market steady.

Load of Canadian fresh cows 760.00-1275.00, springers 810.00-1200.00; Load of N.Y. fresh cows 1150-1600.00, springers 1225.00-1600.00; Load of Pa. fresh cows, 850.00-1200.00, springers 925.00-1075.00; Load of Pa. fresh cows 740.00-1290.00; Load of Pa. fresh 1100.00-1250.00; Load of Franklin County fresh cows, 700.00-1175.00.

Locally consigned cows 450.00-1400.00; Springing heifers 740.00-1060.00; Open heifers 340.00-540.00; Bulls 600.00-750.00.

Herd dispersal 46 head, all stages, 300.00-1050.00.

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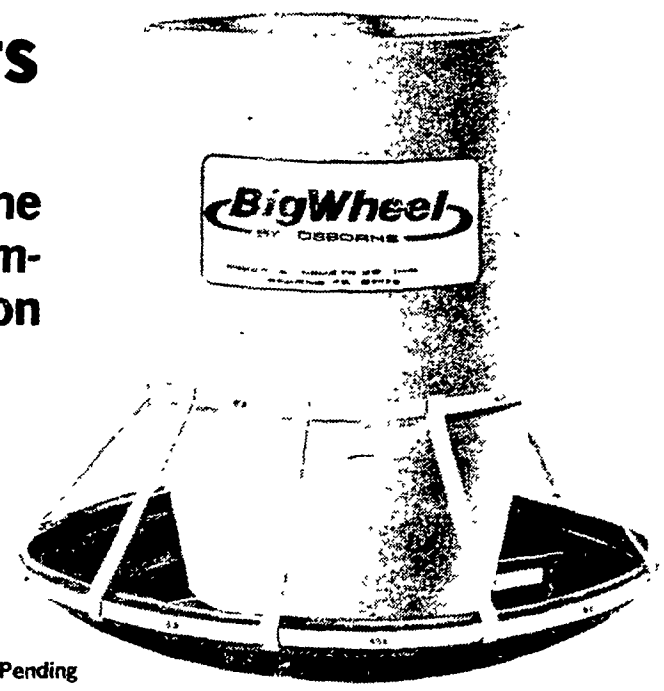
LOCALLY or NATIONWIDE

ARE YOUR FEED COSTS TOO HIGH?

Eliminate feed waste with the Big Wheel Hog Feeder. Improves your feed conversion greatly.



OSBORNE has "Turned the Corner" In hog feeder design with its **Big Wheel** hog feeders

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Off the Sounding Board

By Sheila Miller, Editor

It's census time again

As things begin to slow down on the farm, and night's early shadow seems to trigger a biological instinct for long, lazy evenings indoors, many farmers find themselves nervously wondering what to do between supper and bedtime.

Of course, falling asleep in front of the television or behind the newspaper is one excuse for not helping with the dishes or the bookkeeping. But eventually our consciences begin to pang and we guiltily shuffle through all the bills, paid and unpaid, that have been ignored for the past several weeks.

The suffering from seasonal lethargy, an often undiagnosed malady commonly affecting farmers during the latter days of November and December, seems only to be assuaged by weekend excursions to mountainous terrain in search of the wary white-tail deer.

No matter where we "plug in" for revitalization, the nearing winter months ultimately lull our minds and bodies into a form of hibernation — a time for recharging our minds and bodies with needed rest and a more leisurely pace.

To provide "entertainment" during those long winter vigils in front of the fireplace, Uncle Sam has not forgotten his farmers and will be sending out challenging forms for fill-in-the blank exercises during the month of January. (And you thought there was nothing to look forward to in 1983!)

Although it's hard to believe, it's time again for the farm census. Beginning Jan. 1, 1983 and ending Feb. 15, the federal government will be asking farmers to help them keep track of things like the number of farms, the types of crops grown, and the income received by farmers for their labors.

Declining farm income and high interest rates are two reasons why we farmers should take the time to fill out and return our census forms.

This data from the agriculture census ultimately will be important to the nation's policymakers, farm supply and marketing firms, as well as we farmers. It serves as the only source of uniform comprehensive data on agricultural production, inventories, sales, expenditures, and other characteristics provided on a consistent county-by-county basis.

People who use this information are diverse. The statistics prove invaluable to farm organizations, farmer cooperatives, land grant universities, and private businesses serving agriculture.

This is the 22 census being conducted in this nation since the paperwork ritual began back in 1840. From that year until 1920, an agriculture census was taken every 10 years. Then from 1920 until 1978, the interval between censuses dropped to five years. And for reasons at the Washington level, this census has been stepped up one entire year to coincide with censuses being taken in other economic areas.

Besides being one year early, this year's census will prove to be something new and different, and hopefully easier for farmers to complete.

According to the Census Bureau, most farmers will receive a four-page form in the mail. They estimate 20 percent will receive a five-page version. They report the forms were redesigned to "reduce the burden on respondents through greater ease in reporting."

The Bureau also announced that for the first time it will be using forms in a mail census that will seek information on a regional basis. "This will permit farmers to provide data about crops grown in their particular area without being asked about crops not found in their area."

What will be asked in the census? Questions concerning the amount of farm acreage owned, who the owner is, the land use, the acreage in production, the sales of crops, the type of livestock owned and their worth, and other questions on management and operations.

Those farmers who are lucky enough to receive one additional page to complete will be asked about the value of their land and buildings, certain production expenses, farm equipment, farm labor, fertilizer and pesticide use, interest expenses, farm energy and storage capacity.

After all the questionaires are returned and the data tabulated, a county-by-county summary will be published for each state. The Bureau expects to publish the preliminary county data during a six-month period next fall. The release of final data is scheduled to begin by mid-1984.

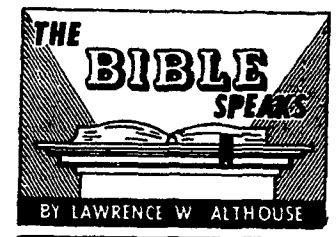
If you're wondering whether or not you should be filling out a farm census this January when snowdrifts imprison you within the confines of a cozy kitchen, just remember that all farm operations (those with $1,000 or more in sales of agricultural products) are required by law to complete the census.

Most farmers worry about what happens to all their personal information once it is sent to the Bureau. Who will have access to our files and discover all our "windfall profits?"

The Bureau assures farmers that individual information is "confidential by law and published only in statistical totals. Under Title 13, U.S. Code, Census Bureau employees are subject to severe penalties if they release data on individual operations. The privacy of individual records is also protected from disclosure through the Freedom of Information Act."

Taken as a whole, the farm census is a tool that can be used by cooperatives to build marketing facilities to help farmers cut costs; farm organizations can create and revise policies based on the new information; farm suppliers can use the information to determine future product demands in fertilizer, seed, equipment and the like. And the list of beneficiaries of this contributed information goes on and on.

So, when you find the census forms in your mailbox sometime after Jan. 1, take the time to fill them out as accurately as you can. For a few hours spent around the kitchen table, farmers across the nation will be reaping the benefits of factual information on the agricultural situation for the next five years.



WHEN YOU CHOOSE THE BRAMBLE
November 28, 1982

Background Scripture:
Judges 8:22 through 9:57
Devotional Reading:
Isaiah 12:1-6

The late Theologian Reinhold Niebuhr observed that World War I had been "made inevitable not by bad people who plotted against the peace of the world but by good people who had given over their consciences into the keeping of their various political groups."

I suspect that my old teacher's observatoin would apply to many of our wars, including those that rage about us today. When we hand over our consciences into the keeping of someone else — duly constituted authorities or not — we give away something which God does not intend for us to share with anyone.

Worthless and Reckless Fellows

Recently, I overheard someone reflect upon a certain nation at war with it neighbor, "I can't understand how such good people can choose and be satisfied with such evil leaders," Perhaps the answer is that, when good people choose bad leaders, the people may not be as good as they tink. In other words, if you give your conscience into the keeping of an unconscionable leader, have you not violated it and is that not a serious violation in the sight of God?

This is what happened with the people of Israel when Gideon died. Gideon had left behind him 70 sons! How significant that, in choosing a successor to this great leader, they chose the very worst of his sons! Some of the answer lies in Abimelech's skill as a politician. He knew how to win over people by appealing to their baser motives. The writer of Judges suggests that the people of Israel chose Abimelech because it was clear that he would not make of them the high moral requirements enforced by Gideon.

So, in the guise of political necessity, Abimelech killed all the sons of Gideon, except Jotham, who escaped. So, despite his act of brutish violence, Abimelech had not silenced the conscience of Gideon and, standing on the top of Mount Gerezim where prophets were known to speak, Jotham tells the marvelous parable of the trees.

Come, Reign Over Us

The message of the parable is clear enough: when good people decline to serve, we settle on others who are likely to be less good, even evil. "Now therefore," concluded Jotham, "if you acted in good faith and honor when you made Abimelech king, and if you have dealt well with Jerubbal (Gideon) and his house and have done to him as his deeds deserved...then rejoice in Abimelech and let him rejoice in you; but if not, let fire come out from Abimelech and devour the citizens of Schechem and Bethomillo..."

The history of humanity is punctuated with the tragis chronicles of those who have, for one reason or another, made the bramble their king and have lamented the consequences of their choice. The next time you choose a leader, ask yourself if it is the best in you or the worst to which that leader appeals? And remember: when you choose the bramble, what you choose is what you get.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Control Cattle Grubs

Cattle grubs can be completely eliminated from dairy heifers and beef cattle by the simple application of a pesticide approved for grub control.

Grub control pesticides may be applied by spray, pour-on, or spot-on treatments, according to Dr. Larry Hutchinson, our Extension Veterinarian at Penn State. They are safe to use and completely effective if applied according to label directions, and before the end of November. After that, migrating grub larvae are found close to the spinal cord where their death can produce problems.

Regular yearling treatment against cattle grub in areas where they are common can completely eradicate these painful parasites in the backs of cattle, and can greatly improve the quality of the hide at slaughter.

To Be Careful Around Flowing Grain

A major hazard of stored grain is to become covered up and smothered by it. It is very dangerous to be standing in a grain bin when it begins to flow. It takes only a few seconds for an unloading auger to remove enough grain for a person to start sinking into the grain. Never enter a grain bin without first "locking out" all the power sources; also, never enter the bin alone without another person being present. Children should be warned about entering grain bins because of the danger of "bridging" of the grain or the shifting of large areas. All employees should be altered to the hazards of flowing grain.

To Be Careful When Cleaning Manure Pits

Many manure pits will be emptied at this time of year; it's an opportunity to clean out the pit before cold weather arrives. When this volume of manure is agitated there is greater danger of toxic and explosive gases being released Every precaution should be taken. If there are animals above the pits, then maximum ventilation should be provided. When the pit is empty,

(Turn to Page A12)

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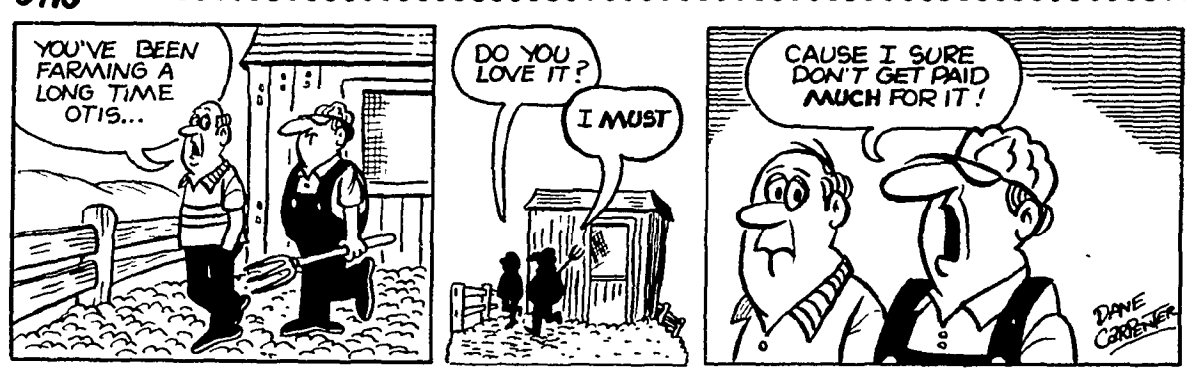

Farm Calendar

Saturday, Nov. 27
Fifth Garden State Classic Sale, Flemington Fairgrounds, N.J.
Friday, Dec. 3
Grain Marketing Workshop, University of Delaware Substation, Georgetown, Del.
Saturday, Dec. 4
4-H Horse Banquet, Farm & Home Center, Lancaster, 6:30 p.m.

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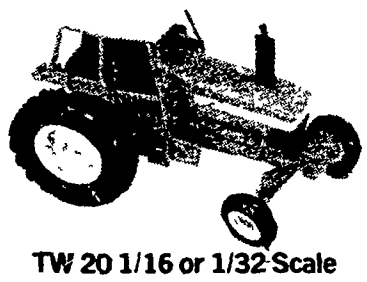
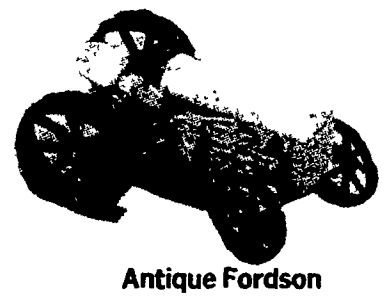
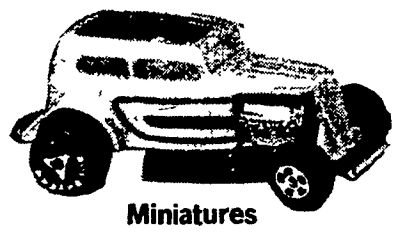


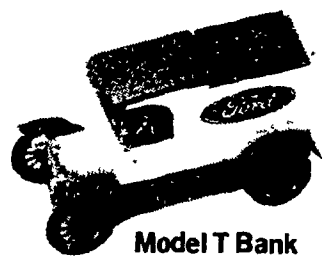
TW 20 1/16 or 1/32 Scale



Antique Fordson



Miniatures



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- Farm Sets
- Tractor Trailers
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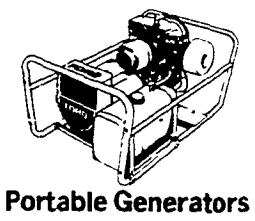
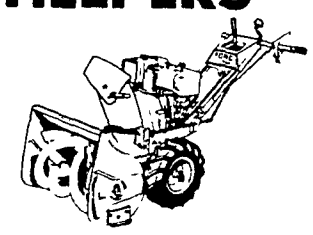


Portable Generators

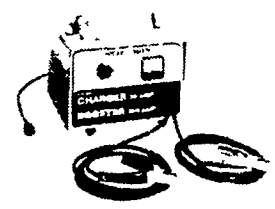


Snow Blowers

Pressure Washers

Portable Pumps

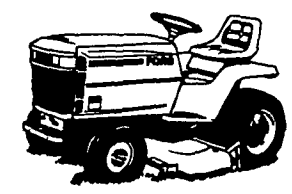
Air Compressors



Battery Chargers

Portable Heaters

5 FORD LAWN AND GARDEN TRACTORS



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Dependable Service, Quality Parts!

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Take a look at the new small Ford diesels Five models, 13-to-36 hp Built like the big ones, with many big-tractor features Including 10- and 12-speed transmissions live hydraulics 3-point hitch . 540 rpm PTO diesel engine efficiency

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OUR READERS WRITE,
AND OTHER OPINIONS

Who speaks for farmers?

Recently I was in attendance at the meeting held at Central Dauphin High School by the Nuclear Regulatory Commission in regard to the restart of Unit #1 of Three Mile Island. It was a little noisy but overall it was a good meeting, even though some of us got chased out of the back of the meeting room by members of the fire police and police.

So, it was a little hard for me to hear what was going on as I am hard of hearing. In fact I even wrote to our governor and asked him what would be done for people like myself who are hard of hearing and would not hear the sirens when they go off. I never got an answer on that at all, so I assume that we will best have to make out the same way the elderly and other handicapped people do if anything happens.

But at the meeting I was somewhat surprised that the Pennsylvania Farmers' Association's spokeswoman Kay Taylor stated the absence of nuclear use will result in higher costs in the supply of electricity and higher food cost to the consumers, and a lot more — but that was the main thing. I wonder how she gets this way and I also wonder just how many farmers PFA speaks for, and who speaks for the Amish farmers and so forth.

Does PFA read about PP&L starting their Berwick plant and right with it they want to increase their users' bills by 20 percent to help pay for the plant that they built? Isn't that sweet? And if something goes wrong with that we will be paying again and again for the mistakes they make.

I for one enjoy my trips to Lancaster County and would hate to see it all go because the wind blew the wrong way. I would hate to see such nice places go, like Green Dragon and Roots, and the joy of seeing the big teams of horses plowing the fields in the spring and fall. But speaks for all those people? What beauty I would hate to see lost for the greed of a few.

Some people have said that "well the government is paying to clean up TMI." But do these people know that the government is a government by and for the people and that it is our tax dollars that pay for all this?

GPU is now in the process of suing Babcock & Wilson or whatever for their mistakes, but the poor businessman who lost business due to TMI cannot get a cent back for his own loss. Isn't that all so sweet . . . till we have to run again?

And did you ever wonder why some employees of TMI have solar power in their homes?

Jimmy Little Turtle
Harrisburg, Pa.

Ag "Pulitzer" nomination

Thank you so much for the fine and sensitive series of articles entitled "Farming in a Shadow" written by Dick Anglestein. If there were a Pulitzer Prize for excellent articles in the agricultural area, this series would surely be in contention.

As a resident of this area of Lancaster County threatened by the proposed hazardous waste disposal site, I know that the shadow cast not only over our homes and families, but over the agricultural vitality of the entire county, is very real. It is my hope that more members of the agricultural community in other part of the county will become concerned about this assault on their livelihood.

We can all be certain that if this facility at Narvon comes to pass, it will not be the last violation of the fertile Lancaster County soil. Rather, it will be just the beginning of businesses and industries that will want to locate here. Already we have more asphalt and concrete than we need in many locations on our prime farmland.

Again thank you to your fine newspaper and to Dick Anglestein, a talented and sensitive writer who captured so well the feelings of all of us who live in the shadow.

A Concerned Resident
of Eastern Lancaster County

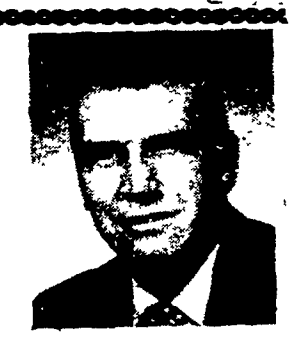
Thanks

Just to tell you how much we enjoyed the article about Flat Stone Lick in *Lancaster Farming* (Nov. 6 issue)

We appreciate all your efforts and want you to know we found out how many people read your paper.

Les and Nancy Midla
Marianna, Pa.

NOW IS THE TIME



By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

(Continued from Page A10)

no one should enter the pit without a respirator or gas mask. There may be dangerous gases present. Also, no smoking or open flames should be nearby. These pits are the modern way to store manure, but they do present a hazard to both man and animal.

To Check Standby Generators

Your standby generator may be needed at any time. Is it ready? With all the uses of electricity on the farm today, we need this type of emergency equipment. We are in the weather season now when we can expect both snow and ice storms that can give us power outages. This means that activities on many farms will stop when the electricity fails. To have a standby generator is very good managment; however, you need to run this generator at least once every two weeks to be sure it is in good running order when needed.

This kind of emergency equipment can be a life saver for both man and animal or poultry, as well as eliminate possible financial losses.

Tag cold storage deer

HARRISBURG — Hunters are reminded that deer left in cold storage or processing plants must be tagged.

The official tag provided as a part of the hunting license and the ear strip should clearly show the county where the deer was taken, as well as the date, time of harvest and other information. The tag and strip must be attached and remain attached to the ear of the deer, rather than the carcass. A separate tag provided by the hunter or processor should be placed on the carcass.

Deer heads are collected during and following the season and are examined and aged by Game Commission personnel. The information gathered is critical in the formation of the agency's deer management program.

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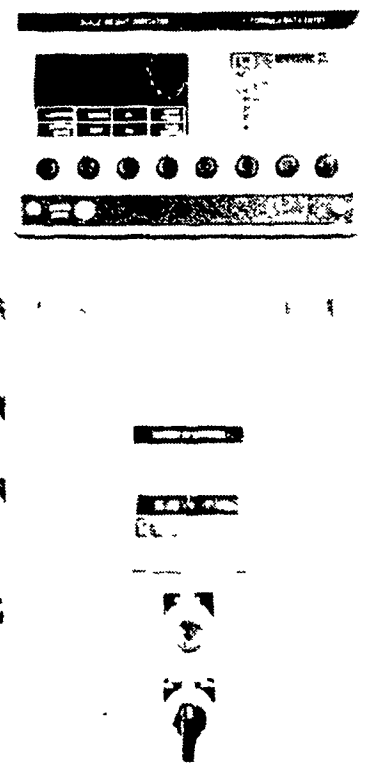

Definitely the answer to your demand for a weigh system! An electronic batching panel that measures with supreme accuracy!

COMPARE! WHEN YOU COMPARE THE TAM-WEIGH SYSTEM TO VOLUMETRIC BATCHING YOU'LL HAVE OUTSTANDING IMPROVEMENTS

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Bear of a story

Dairyman Merv Sauder, Manheim, Lancaster County, right, took a vacation away from his cows this week for a hunting excursion to Tioga County. Sauder, who has been tracking black bruins in the state for about 10 years, finally bagged his first — a 119 pound (dressed), two-year-old adult male black bear. Along with his 40-head milking string, Sauder also fattens about 2,500 hogs and 400 steers a year. He is a member of the Garden Spot Hunting Club and part owner of L & L Pig Producers. Ray Shenk, of Shenks Farm Service, Lititz, also shot his first bear — a 235-pound (dressed) adult male. Sauder's bear was shot Monday, while Shenk killed his bear on Tuesday.

Economist forecasts '83 poultry consumption drop

UNIVERSITY PARK — The per capita consumption of eggs, poultry and red meat for the last quarter of 1982 and the first quarter of 1983 will be less than last year if production forecasts are realized, predicts Penn State agricultural economist A. Kermit Birth. He reports the per capita consumption of broilers, beef and veal are expected to be up while the consumption of egg, turkey and pork are likely to be down.

Changes in the quantities of red meats produced and consumed influence the quantities of poultry meat which can be sold at profitable prices, Birth explains. Total meat and egg consumption in 1981 was within 3.2 pounds per person of the quantities consumed in 1980, but the total was 36 pounds higher than was consumed in 1960.

"The increase, exlusive of eggs, for the 21-year period was 44 pounds per person," Birth reports. "This was 14.2 pounds more than the combined increase of broiler and turkey consumption for the same period."

Beef consumption increased with the exception of two years, each year from 1960 through 1976 to 95.7 pounds per person. However, from 1976 to 1982, beef consumption decreased 18.4 pounds per person to 77.3 pounds.

"Although pork consumption fluctuated from 1960 through 1971, the trend was upward and reached a high of 68.2 pounds per person before dropping to a low of 51.2 pounds in 1975," he says. In 1980, pork consumption was 68.3 pounds per person, an increase of 17.1 pounds over 1975. This increase was 1.6 times the turkey consumption in 1981.

Lamb and mutton, which is not included with red meat statistics, was 4.3 pounds in 1960 and 1.5 pounds in 1981, Birth points out.

"The increase in retail price of poultry meat has been smaller than that of red meats largely because of a more favorable feed conversion and percent yield of salable meat," explains the Penn State economist. For each 100 pounds of live weights, the retail weights would approximate the following percentages: beef 47; broiler 76; and turkey 80.

"Thus a hundred pounds of live broilers and turkeys would yield 1.6 and 1.7 times, respectively, as much retail sales of beef," he adds. Percentage increae in average U.S. retail prices from 1966-80 are: broilers 78; turkeys 93; beef 183; and pork 108.

What can we expect to happen to these trend over the next decade? According to Birth, broiler, fryer and turkey consumption per person will likely continue to increase largely because of the

(Turn to Page A15)

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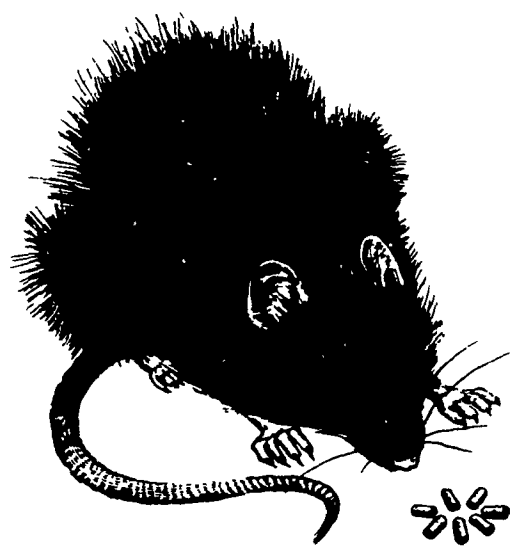

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20-10-10	169.00	170.00	171.00
28-13-13	203.00	204.00	205.00
8-32-16	186.50	187.50	188.50
10-30-10*	182.00	183.00	184.00
6-24-24	172.00	173.00	174.00
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Durfee wins state lamb cook-off

STATE COLLEGE — Sharon Durfee, 26, of Lemont in Centre County, was named the winner of the Pennsylvania Lamb Cook-Off Contest, held Saturday, Nov. 13 at the Keller Conference Center at Penn State.

Miss Durfee, a final term premed major at Penn State, wooed judges' taste buds with her Baked Lamb Shoulder. "Cooking is a hobby for me," she said. "I have clipped recipes from newspapers since I was a little girl — this was always one of my favorites," the former Levittown, Berks County, resident said.

The recipe won Durfee $50 and a Pennsylvania sheep skin. It used a lamb shoulder, delicately spiced and stuffed with rice, bacon, spinach and onion. The lamb was then wrapped in puff dough and baked until golden brown.

Judging the contest were Don Meyer, owner of the Autoport restaurant and Motel, State College; Andrew Zangrelli, owner of Dante's restaurants, Inc., State College; and Rick Harbaugh, N.E. Marketing Manager for the American Lamb Council. Meyer and Zangrelli commented that the Baked Lamb Shoulder had excellent taste and flavor, and the presentation was superbly balanced with a garnish of fresh cooked vegetables.

Jeannette Armstrong of Johnstown placed second in the contest with her entry of Lamb with Dumplings Armstrong used a combination of lamb shoulder, onions, rutabaga, peas and carrots, topped with an herbal dumpling. She won $40 and "The New James Beard Cookbook," presented by Tom Calvert, president of the Pennsylvania Sheep and Wool Growers Association, co-sponsors of the cook-off.

According to Meyers, "The Lamb with Dumplings was an excellent presentation as a stew. It had delicate flavoring and a very good blend of complimenting ingredients." Zangrelli added, "This is a recipe with universal appeal — topped with dumplings to add just the right touch."

Lamb Bologna, entered by Mrs. Tom Heit of Bedford, placed third. Harbaugh said, "The unique usage of lamb combined with easy preparation and an appealing flavor made this entry a winner." Heit received $30 and James Beard's "American Cookery Cookbook" for her entry.

Ten finalists selected to compete in the contest were judged on taste, appearance, originality, ease of preparation and practicality. Contestants were required to use fresh Pennsylvania lamb from the shoulder, breast or shank cuts.

The Pennsylvania Lamb Cook-Off was sponsored by the Pa. Sheep and Wool Growers Association in cooperation with the Pennsylvania Department of Agriculture and Penn State. A booklet with the ten finalists' recipes is available by writing to the Bureau of Markets, Lamb Cook-Off, Pa. Dept. of Agriculture, 2301 N. Cameron St., Harrisburg, PA 17110; allow four weeks for delivery.

The following are the top two recipes from this year's contest:

BAKED LAMB SHOULDER

2 lbs. boned lamb shoulder
1 cup chopped spinach
½ cup cooked rice
½ cup chopped bacon
8 oz. ground trimmings from shoulder
1 oz. tomato paste
1 cup chopped onion
1 lb. Puff Dough (Durkee's works well)
3 eggs
salt, tobasco, dill to taste, just a pinch
1 glass dry white wine

Fry tomato paste, chopped onion and bacon together. Add ground lamb until nicely browned. Cook mixture a few minutes, then add spinach, rice and mix with egg to hold it together in a ball. Thoroughly season with salt, tobasco and dill.

Slice meat open lengthwise with a long slicing knife and pound into a thin slab. Season both sides and brown slightly in its own juice. Lay out the meat and place stuffing in the middle. Roll the meat around the stuffing and tie securely with twine. Roll out the puff dough and egg, wash the sides with a mixture of egg and water. This is to cause the dough sides to stick together when roller. Place roast in the puff dough and wrap it. Egg wash the entire top, make a design with a sharp knife. (slightly slit the dough all the way through).

Bake at 375 degrees for one hour until dough is golden brown. Serve lamb juice on the side with the meal. Let the roast set 15 minutes before slicing. Garnish with baked tomato, green beans or serve with tosses salad.

LAMB WITH DUMPLINGS

1½ lbs. lamb shoulder
2 Tbs. seasoned flour
1 Tbs. oil
2 large onions
2 cups Rutabaga, diced
4 oz. frozen peas
1 pint water, boiling
2 chicken stock cubes
1 lb. carrots, peeled & sliced

Dumplings:

4 oz. self-rising flour
1 Tbs. mixed herbs
2 oz. shredded suet
salt & pepper to taste

Remove excess fat and chop meat into medium sized pieces, roll in seasoned flour. Fry onion lightly, then add meat and fry about two minutes. Dissolve chicken cubes in water and add to onion and meat with the carrots and rutabaga. Turn into a casserole dish, cover and cook at 375 degrees for 1¼-1½ hours.

To make the dumplings, mix flour with suet, herbs and seasoning. Add sufficient cold water to make the dough stiff. Form into six balls. Stir peas into the meat. Arrange dumplings on top. Return casserole to oven for another 20-25 minutes. Serves 4.

Public Sales

A public auction of a Mahantongo Valley farm and farm equipment was held Nov. 20 by Harry H. Willier, Jr. and Fae Miller, 1 mile south of the village of Pitman, Schuylkill Co.

The 108-acre farm with 6 acres of apple orchard, 10 acres wooded, Harvestore, and bank-type barn was sold for $141,000.

Other prices were: N.I. manure spreader $1,250, J.D. grain drill $900, Friend Air Master orchard sprayer $1,500, Farmall H tractor $850, Farmall Super A $1,600, 2 Farmall M tractors $800 & $1,450, 1971 Ford truck $1600, M.F. 730 offset disc $4,400, Int. 10' chisel plow $700, Gehl silage blower $1,150. A.C. 4-row corn planter $1,175, N.I. single row corn picker $1,700 and N.I. 2 row picker & sheller $2,200.

George and Mike Deibert were the auctioneers.

xxx

A public auction of antiques was held Nov. 20 for the Mabel E. Jackson Estate, R1 Quarryville, near the village of Chestnut Level, Lancaster Co.

Among the items sold were: quilt $135, coffee grinder $80, set of dishes w/18-karat gold trim $200, 6 oak chairs $300, wash stand $140, kitchen cabinet $150, chest of drawers $270, Weaver pump organ $225 and Wincroft cook stove $160.

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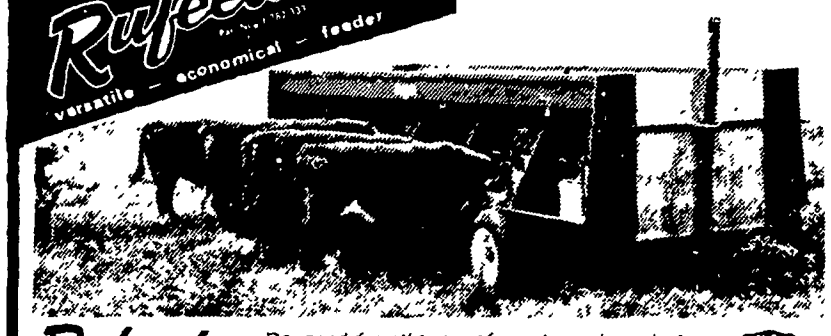

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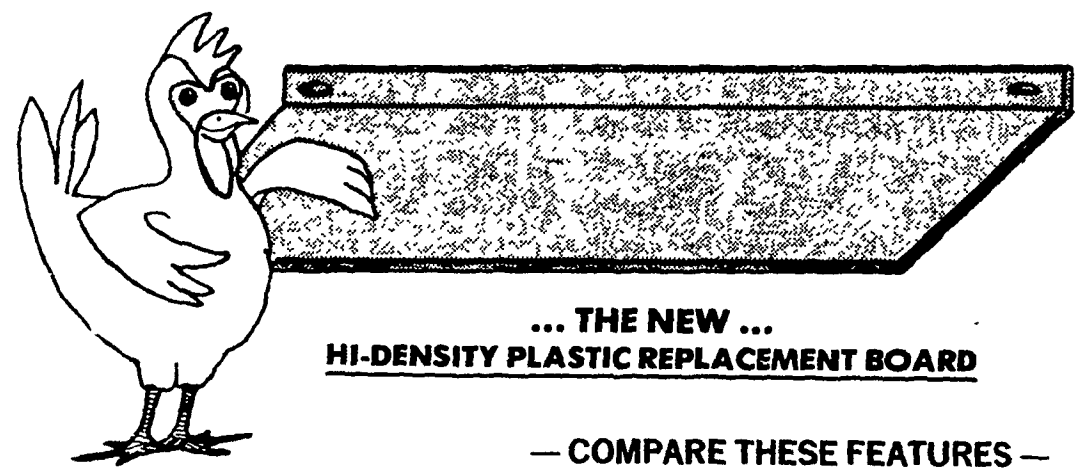

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Southdown Assn. marks centennial year

LOUISVILLE, Ky. — Southdown sheep breeders from across the United States generated much enthusiasm and demonstrated a wealth of pride during their show at the North American International Livestock Exposition in Louisville, Kentucky.

The atmosphere carried waves that signaled something special about the show. Posters and displays indicated that this year marked the centennial celebration of the Southdown Association. The show was appropriately referred to as the Centennial National Southdown Show.

A breeder from Palmyra, IL, Gale Cole, claimed the Grand Champion Ram honors with his ram lamb. Reserve Champion Ram honors were granted to a yearling ram owned by Tempel Southdowns of Wiley, CO.

The first place Jr. ewe lamb advanced to be recognized as the Grand Champion Ewe. She is owned by Mark and Dale Smith of Crawfordsville, IN. Reserve Champion Ewe privileges were granted to Howard and Harral Southdowns of Mulhall, OK, with their second placer Jr. ewe lamb.

Howard and Harral Southdowns of Mulhall, OK, exhibited the Best Pair of Ram Lambs, while Howard Harral of Mulhall, OK took credit for the Best Flock.

Judge Ron Guenther, shepherd at Ohio State, compared and debated for 25 minutes before announcing results of the whether class. Positioned in first place were Howard and Harral Southdowns. The wether exhibits classified as an extra for the centennial observance.

On hand to distrubte winnings was the retiring National Southdown Queen Rachel Schultz, a freshman in Home Economics at Iowa State University, from Peosta, IA. During the centennial show, Mary Dingwall, Lake Port, CA, accepted the reign as 1983 National Southdown Queen.

Nearly 70 exhibitors and more than 350 head of purebred Southdowns competed for $10,000 in prize money. Traveling trophies will decorate the homes of the Grand Champion Ram, Grand Champion Ewe, Best Pair of Ram Lambs, and Best Flock for one year.

At the grand finale of the Centennial National Southdown Show, the 1982 Premier Exhibitor award went to Howard & Harral Southdowns, breeders from Mulhall, OK.

Poultry consumption

(Continued from Page A13)

relative low cost of poultry meat as compared with beef. But, the big annual percentage gains in broiler consumption experienced in the past are not likely to occur again, he says.

"Turkey consumption per person may continue for some time at a reasonable increase because a 10 percent gain in per capita consumption would only be a pound increase in turkey consumption," Birth says. A 10 percent change in pork production is equivalent to 6.5 pounds per person, while a 10 percent gain in broiler consumption would be almost 5 pounds.

"Further gains in per capita consumption of poultry meat will likely be at the expense of other meats," Birth concludes. "The growth in total meat consumption per person has in all probability leveled off."

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Corn Growers attend US-USSR trade meeting

MOSCOW, USSR — "For farmers in the United States and consumers in the Soviet Union to take full advantage of the interdependence of our agricultural economies, there must be re-established a mutuality of confidence in the reliability of the United States as a supplier and of the Soviet Union as a customer," stated Jack Parsons, a corn farmer from Wapello, Iowa, and president of the National Corn Growers Association.

In an address before a meeting of the US-USSR Trade and Economic Council in Moscow, Parsons emphasized the importance of reliability as the basic requirement of expanded trade between the two countries. The US-USSR Trade and Economic Council is comprised of agricultural and industrial entities in the United States and their governmental counterparts within the Soviet Union. The purpose of the Council is to provide regular fora for the exploration of opportunities for expanded trade between the two countries.

"General trade and economic relations between our two countries must be allowed to develop on the basis of mutual benefit that can be derived from a genuine trust and rapport of a 'reliable supplier' and a 'reliable customer'," Parsons stated.

Notwithstanding the serious decline in trade between the U.S. and USSR, Parsons indicated there have been some improvements in the trade and economic climate for the two countries over the past thirty months.

"On Oct. 15, 1982, President Reagan issued his 'doctrine' on U.S. grain and agricultural export sales, particularly to the Soviet Union. It was a welcomed and needed commitment from our president to U.S. farmers. President Reagan has on three occasions in 1982 made clear his commitment to U.S. grain farmers about having fair and open access to verseas markets: On March 22, 1982, to the agricultural editors and Washington farm leaders at The White House; on Aug. 2, 1982, at the National Corn Growers Association annual convention; and again on Oct. 15, 1982," Parsons said.

During the meeting he also stressed the importance of negotiating a new long-term grains agreement between the United States and Soviet Union. According to Parsons, the basic purpose in having a long-term grains agreement... "is to provide a concrete structure for achieving the goal for a reliable supplier-customer relationship."

"The outcome of the debate and negotiations among Soviet and U.S. Government officials on a new long-term grains agreement," Parsons stated, "will in large measure affect the interdependence of the Soviet and U.S. agricultural economies. Potential volumes of U.S. corn and grain exports to the Soviet Union will determine in a significant degree the level of corn and grain production in the United States in subsequent years," he said.

Parsons cited the current and past high levels of corn production in the United States and the depressing effects such accumulated stocks have had on grain prices. Stressing the seriousness of this delemma, he indicated that "...in order to allow corn prices to rise to a level that is profitable for farmers to produce, there are several measures that can be adopted: either export more corn, provide for incentives to reduce corn production; or both."

He indicated that U.S. corn farmers would prefer to maximize production and gain a profitable income from the marketplace. "However, to obtain such a profitable income from the marketplace requires, among other developments, reliabitlity of trade in corn between the United States and the Soviet Union," he said.

"The interdependence of the Soviet and American agricultural economies is clearly established as we move into the 1980s," Parsons continued. "On the basis of moving toward this goal of reliability, other sectors of trade and agreements on technical and scientific cooperation and exchanges can also be revitalized and enlarged. These goals will be the challenge to both countries in the 1980s," he concluded.

Pa. Brown Swiss Assn. plans convention

Officers of the Pennsylvania Brown Swiss Association are: left to right, William Daubert, vice president; Audrey Queitzsch, secretary/treasurer and Donald Trimble, president. Officers and members of the Assn. gathered recently for their annual meeting held in Carlisle to discuss routine business of the Association, and hear what Brown Swiss Bulletin editor Connie Grittonland, National Association secretary/treasurer had to say about the National Brown Swiss Convention that will be held in Pennsylvania. The Pennsylvania Brown Swiss delegation began making preliminary plans at last weeks meeting for the national event.

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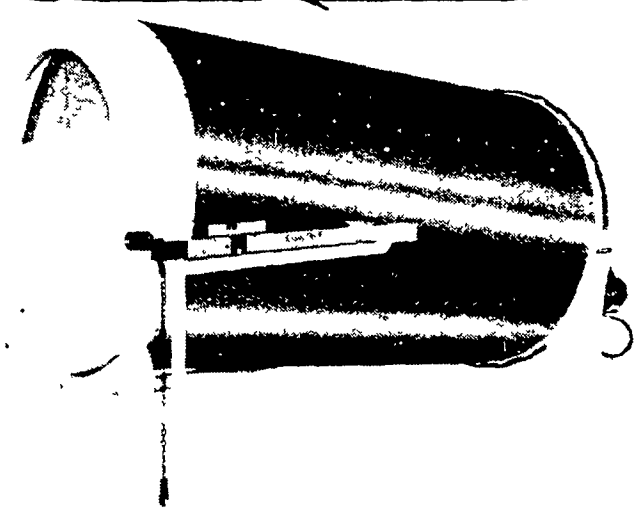

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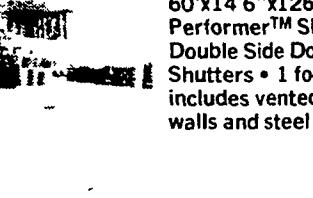

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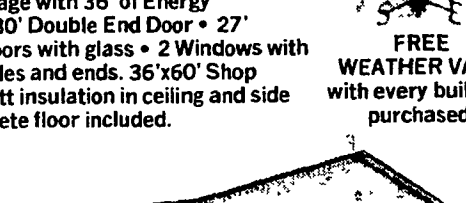

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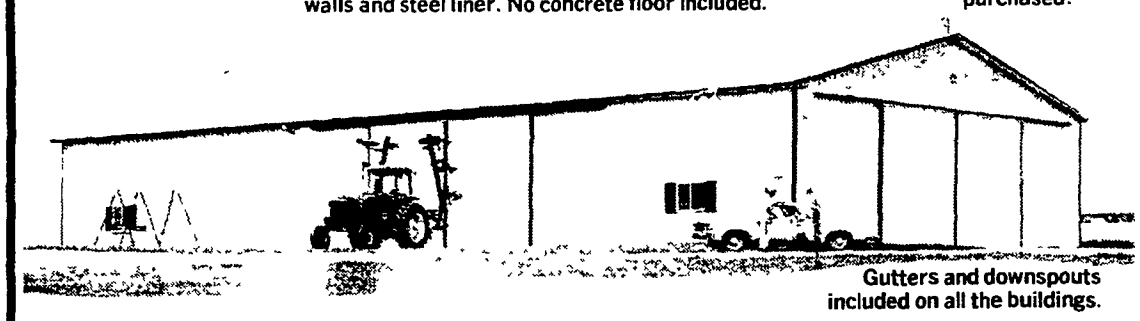

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Donald Feeg

Feeg is among American Farmers

WOMELSDORF — Donald A. Feeg, Womelsdorf, was selected as one of 751 FFA members to receive the American Farmer Degree during a special ceremony at the National FFA Convention in Kansas City, Mo.

Donald, son of Roland and Carolyn Feeg, Rl, Womelsdorf, is presently the dairy herd manager of his father's herd of 150 cows. Donald resides on the farm with his wife, Nan, and son Timothy, and does the feeding, milking, and breeding of the entire herd. He earned the degree on his supervised farming program which included dairy cattle and crops.

While in high school, Donald served as President and Secretary of the Conrad Weiser Chapter and Reporter of the Berks county FFA. He also served on and chaired many committees and participated in numerous local and county contests as well as attended many conventions and leadership conferences.

Donald's awards in FFA include: Chapter Star Greenhand in 1975, Chapter and County Star Farmer in 1977, the Agriculture Award and DeKalb Award presented to the outstanding agriculture student in 1979, the Keystone Degree in 1979, 2nd place award on the state level with his project record book in the on-farm supervised occupational experience record book contest in 1979, and chapter scholarship award in 1978 and 1979.

Donald remains active in the FFA by attending meetings and judging many chapter contests such as the creed speaking contest, and the project book contest. Besides staying active in these, Donald was one of the key forces behind the formation of the Conrad Weiser FFA Alumni Association, of which he is the Secretary.

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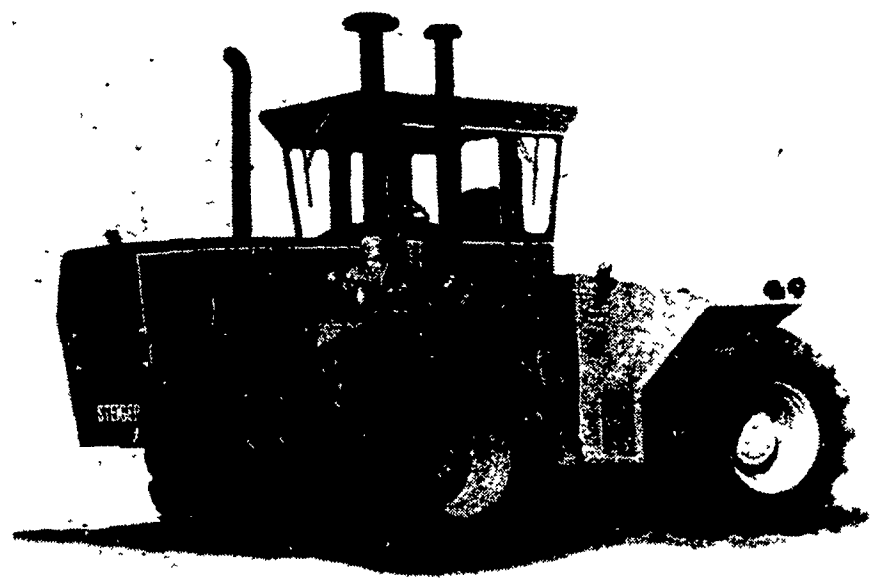

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Md. Ag Merit roster includes waterman

COLLEGE PARK, Md. — For the first time in its 67-year history, the University of Maryland's Certificate of Merit Award in Agriculture has been presented to a representative of the state's seafood industry.

This marker buoy was established with the selection of J. Clayton Brooks of Cambridge, Dorchester County. Brooks is president of the J. M. Clayton Company, a family-owned Eastern Shore crab-processing operation.

Along with three landlubbers from the western side of the Chesapeake Bay, Brooks was honored during the seventeenth annual Maryland Agricultural Leaders Forum on the College Park campus earlier this month.

The Certificate of Merit Award in Agriculture has now been bestowed on 240 men and women in the Old Line state.

Brooks is a past president of the National Blue Crab Association and former secretary-treasurer of the Chesapeake Bay Seafood Industries Association, now headquartered at Easton. He is a recipient of the Association's Seafood Ambassador award.

He has been involved with the University of Maryland's Sea Grant program, beginning in 1972 with the Marine Advisory Program of the University's Cooperative Extension Service.

Also honored with Brooks were Leon B. Enfield of Knoxville, Frederick County, Melvin E. Leppo of Winfield, Carroll County, and Carl L. Orndorff of Kensington, Montgomery County.,

Enfield and Leppo are both dairy farmers and former members of the Maryland Agricultural Commission, while Orndorff is a veteran nurseryman.

Enfield also is president of the Maryland Farm Bureau. He has been associated with the county board of zoning appeals, government study commission and County Board of Supervisors of Elections. And he is a member of the University of Maryland's agricultural advisory committee.

In his spare time over the years, Enfield has attained recognition in jousting, the official state sport of Maryland. He has also developed a jousting project for advanced 4-H horse and pony project members.

Both he and his wife have been local 4-H volunteer leaders for a number of years.

Like his southwest Frederick County counterpart, Melvin E. Leppo balances dairy farming in southwest Carroll County with community and statewide service.

In addition to a three-year term on the Maryland Agricultural Commission, Leppo has served on finance committees of the board of directors for Dairymen, Inc.

At the county level, he was a Soil Conservation District supervisor for nine years, and he is a past chairman of the county's Agricultural Land Preservation Board.

Despite unfavorable economic conditions for farmers at present, Leppo is optimistic about the future of agriculture. He encouraged his son, Brian, to follow in his footsteps; and they formed a partnership in 1981. A daughter, Terry Leppo, was Maryland state dairy princess in 1975.

Carl L. Orndorff was honored for his 60 years of service to the state's ornamental horticulture industry. He has been president and general manager for many years of Kalmia Farms [illegible] near the Tridelphia reservoir in western Howard county. The operation is now being closed down for what was to have been an expansion of the reservoir by the Washington Suburban Sanitary Commission.

Orndorff is a past treasurer of both the Maryland Nurserymen's Association and the Mid-Atlantic Nurserymen's Trade Show. He is now president of the latter organization.

The Montgomery County resident is a former board member for the Eastern region of the International Plant Propagators Society. The Society awarded him a Certificate of Merit at its annual meeting in Boston in 1980. Orndorff is scheduled to present a paper at the organization's annual meeting next month Dec. 13-17 at Grand Rapids, Mich. The presentation is titled "Constructing and Maintaining Disease-Free Propagation Structures." He will be general chairman for the group's 1983 annual meeting in Baltimore. The event will be held in early December next year.

Cattle on feed up 14 percent

WASHINGTON, D.C. — Cattle on feed on Nov. 1 in the seven major feeding states totaled 8,120 head, up 14 percent from a year ago and the highest count for the date since 1978. It also marks the highest inventory for any month since January 1980.

The sharpest increases were found in Colorado with 1 million head, up 34 percent. Next was Nebraska with 1.82 million, up 18 percent, and Arizona had 351,000 head, up 16 percent from last year's figures.

Elsewhere, Kansas had 1.37 million head, up 18 percent; California had 642,000 head, up 4 percent; Iowa with 1.06 million head, up 5 percent; and Texas with 1.88 million cattle on feed, up 12 percent from last year.

The U.S. Department of Agriculture attributes this increase to the 2.59 million placements in October, up 27 percent from 1981 figures and the highest for any month since October 1978.

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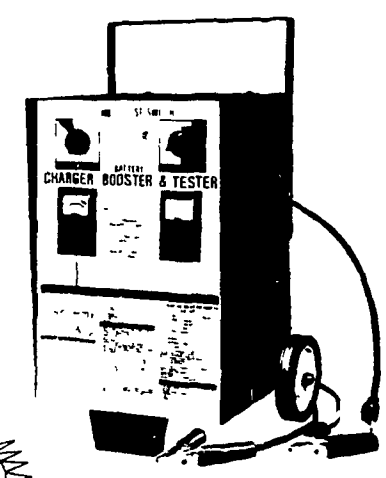

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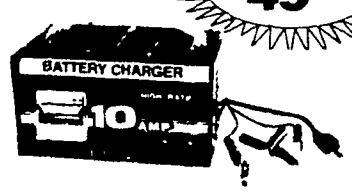

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Migro HP-470	24	167.3
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Migro SPX-77	10	176.7
Migro HP-87	6	170.0
Migro HP-771	8	174.4

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Stone announces nationwide Farmers' Union membership drive

PASCO Wash. — Declaring that the need has never been greater for farmers to work to expand their political clout through their farm organizations, George W. Stone, president of the National Farmers Union, announced last Wednesday that the Farmers Union has launched a nationwide membership campaign aimed at adding several thousand new members to the organization's ranks in the coming year.

Speaking to the annual convention of the Oregon-Washington Farmers Union here, Stone said "Those who contend that farm organizations are dead or ineffective or not needed are themselves dead wrong."

"If you take an honest look at the world economy and at our nation's agricultural economy, it quickly becomes clear that we must have a change in the direction of our farm policies. Farm organizations have a tough but vital job ahead of them. They must have strong support from farmers at the grass roots level," Stone said.

"Get the government out of agriculture was the line many were preaching in recent years. Now they, and unfortunately all of the rest of us in agriculture, are feeling the results of their shallow philosophy. We haven't had an effective farm program in years and the result is continued low prices and mounting surpluses. those who backed tight credit and high interest rate policies failed to comprehend the heavily unequal impact they have on farmers.

"When you consider the fact that one third of the products farmers produce in this country goes for export, it becomes obvious that farmers are vulnerable to nearly all of political and economic whims of change that take place throughout the world."

Farmers must have strong organizations representing them to bring about the public policies that will keep their industry on sound economic footing, Stone said. "That's why we're asking Farmers Union members throughout the country to reach out to their farm neighbors, to tell them about our goals and policies, and to convince them of the importance that they join our efforts."

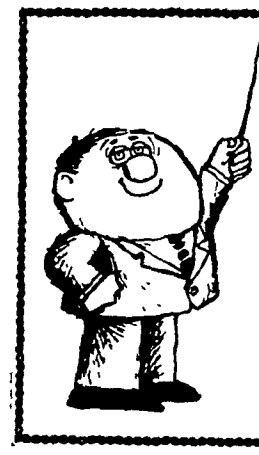
"We may not be able to put together the 'big money' lobbying effort that other industries and groups have," the Farmers Union leader said, "but we can put together a 'people' lobbying effort with the power to beat the odds against us if we have members who are forceful and active in working for our cause."

"United and Strong — Farmers Union" is the theme of the campaign. Door to door membership drives by local Farmers Union members will be taking place throughout the winter in nearly every state where Farmers Union is organized.

Stone expressed optimism for the chances of a sizeable increase in membership and for implementing Farmers Union policies.

"We are seeing more and more of the leaders of farm, agribusiness, church and other rural organizations talk about the need for policies that Farmers Union has always stood for — for a federal farm program with adequate incentives for farmers to join to stabilize supplies and maintain fair farm prices, for credit for agriculture at reasonable interest rates, for unrestricted and unmanipulated exports, and for conservation and preservation of our land and the family farm system," he observed.

"The time is ripe," Stone told the Farmers Union members, "not only for us to gain new members, but also to win new friends and carry out beneficial dialogue with other groups. Together we must see to it that government is no longer seen as the enemy of agriculture but as a true partner working to keep our industry healthy and productive."



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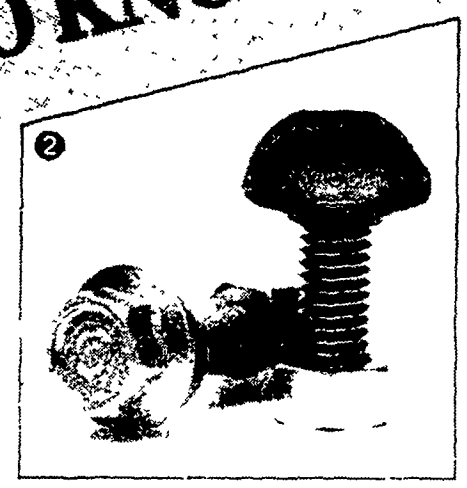

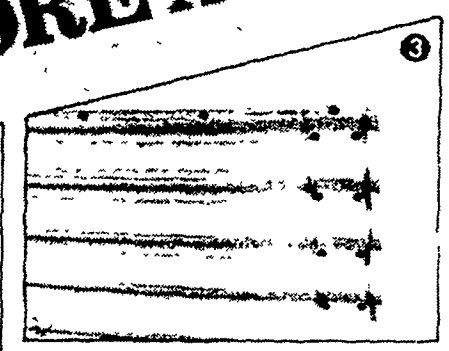

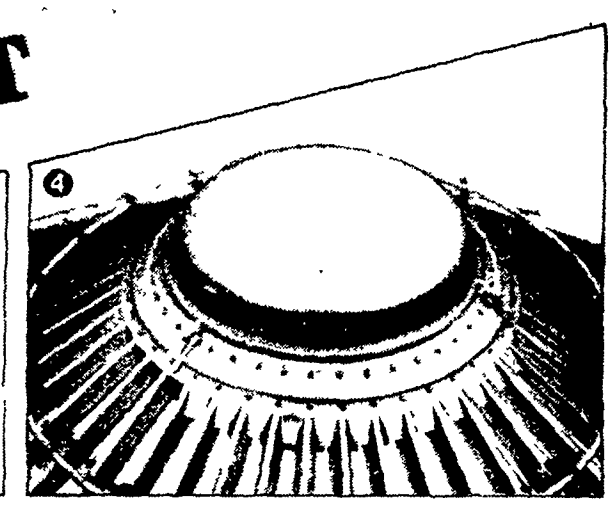

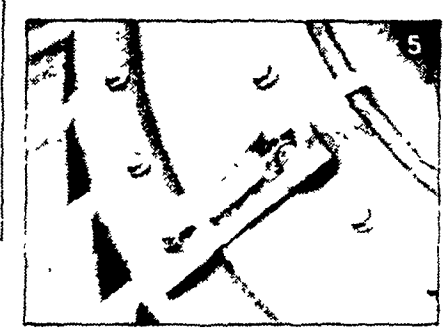

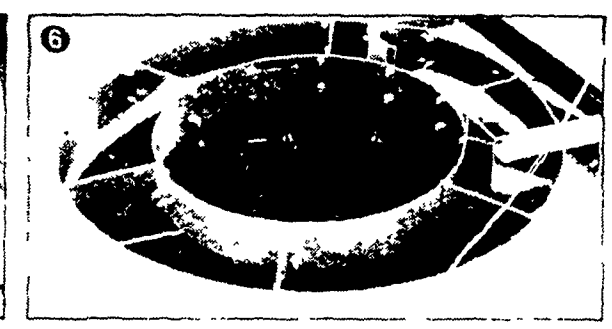

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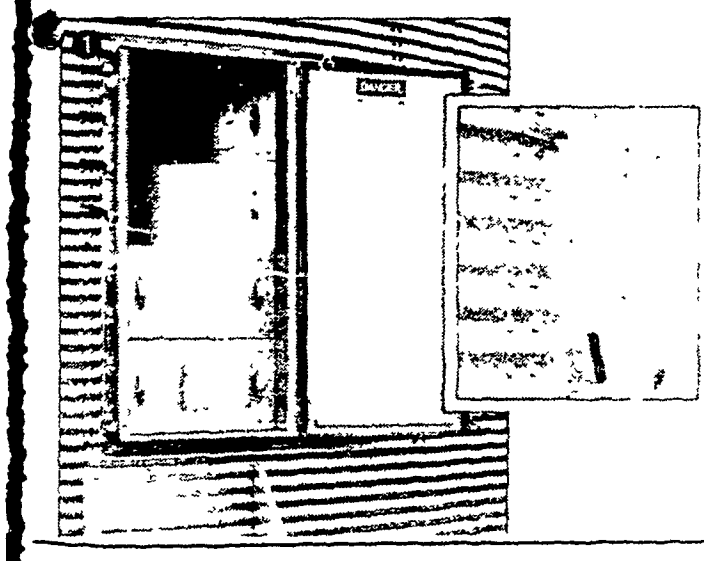

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Forage conference

(Continued from Page A1)

Bollinger's efforts produced 10.2 tons per acre. However, overall score, which includes crude protein and TDN, was i·st points below Baker's score.

The Lebanon Count dairyman ended with 3,456 pour.is of crude protein per acre and 1 ,081 pounds of TDN per acre from his Duffield soil.

Bollinger direct seeded variety DK 130, at a rate of 15 pounds per acre and applied Tolban and Furadan. He also followed after second and third cutting with Cygon. Bollinger alternated cuttings with hay and haylage.

Third place honors went to Blair County dairyman William England. England's Hublersburg soil, seeded with WL 318 produced 8.9 tons of hay equivalent per acre. In all, England reported four cuttings, all of alfalfa haylage.

Ronald Kopp of Dauphin County finished fourth with 8.7 tons per acre. Kopp seeded DK 120 into his Hagerstown soil and followed with Tolban. His four cuttings were divided into three cuts of haylage and one of hay.

With a yield of 8.7 tons per acre, Nelson H. Wenger of Lancaster County cornered the fifth spot in the contest.

Wenger's Berks Silt Loam was seeded with RA2 and produced four cuttings — three of haylage and one of hay.

Four out of the five top producers worked with spring 1981 seedings, while one producer seeded in spring 1980.

The sixth annual Alfalfa Grower Contest was joined by a first year competition during the conference. — the Outstanding Forage Spokesman.

The new competition, explained Extension agronomist John Baylor, "will recognize producers who can stand up and tell others about the importance of forages and grassland agriculture to our economy."

During the conference's second day activities, contestants gave a brief talk and fielded response from a four-man Extension panel which included: economist F.A. Hughes; forages, W.C. Templeton, Jr.; dairy, D.L. Ace; livestock, L.L. Wilson.

Centre County dairyman Joe Hartle earned this year's Champion Spokesman title. Ross Orner, Jr. of Clearfield County notched the Reserve Champion spot.

Other top finalists included: Bill England; Hershey Bare, Lebanon Co.; Richard Burd, Fayette Co.; Jim Hostetter, Mifflin Co.

During the two day proceedings John Baylor, conference organizer, was honored with a standing ovation following the announcement of his pending retirement, effective next year.

A variety of specialists were on hand to update conference participants on the state's forage and seed outlook.

USDA plant pathologist Ken Leath reported that 10 northern Pennsylvania counties have been confirmed with alfalfa disease Verticillium wilt.

The disease has been identified in Centre, Mifflin, Indiana, Bradford, Clinton, Crawford, Northumberland, Columbia, Erie and Venango Counties.

Leath, however, expressed confidence that summer temperatures in south and southeastern regions of Pennsylvania, are high enough to be unfavorable for extensive disease development.

"Pennsylvania growers are really fortunate because before major stand losses have occurred, resistant varieties are available. In a few years, all varieties grown at least in the northern half of the state will have resistance to Verticillium wilt," Leath said.

"I expect that in five to ten years the Verticillium-wilt scare will be behind us — in much the same way as bacterial wilt — and host-plant resistance will be in control," he added.

However, with $8.7 million in losses, the potato leafhopper continues to be the major alfalfa pest in the state, reported entomologist Arthur Hower.

Alfalfa height, dry weight yield, percent crude protein and nonstructure carbohydrate root reserves are reduced by this insect. Leafhopper damage can reduce protein by as much as 30 percent and yield by 50 percent, Hower reported.

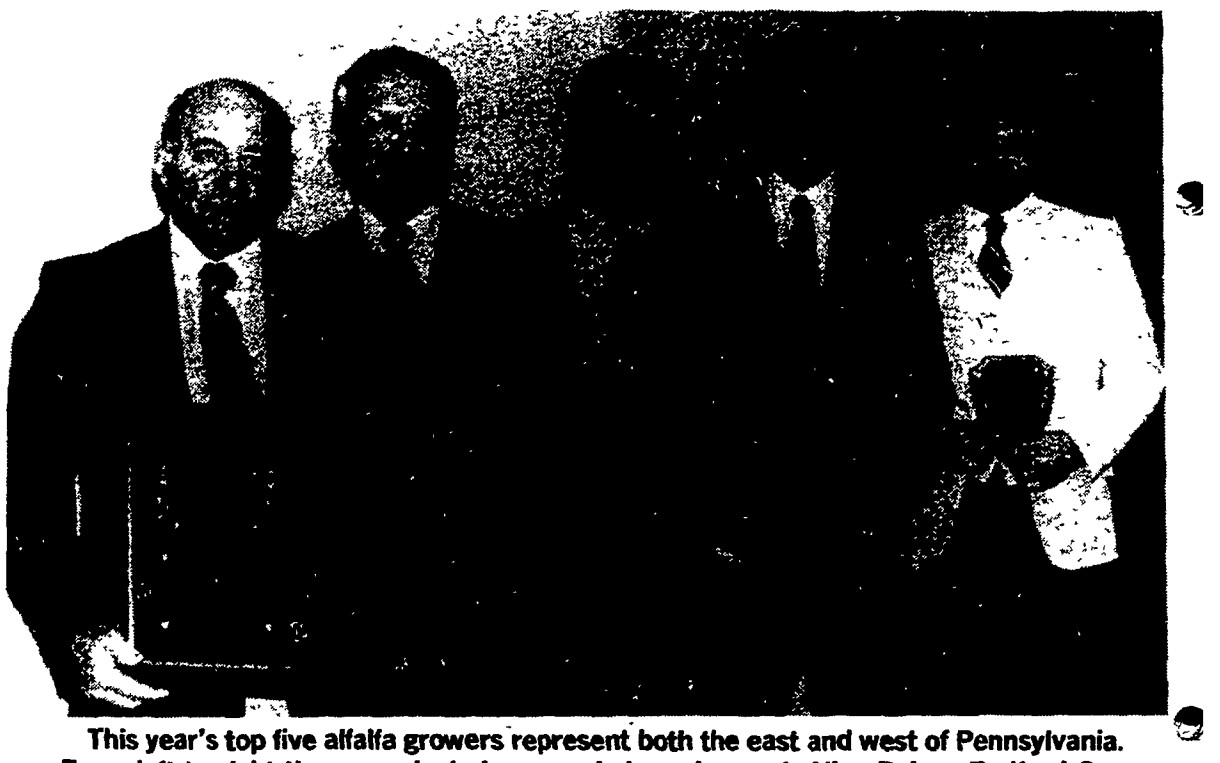
"The insect generally arrives during mid-May, therefore, the first major problem occurs in the second crop of alfalfa.

"The population builds continuously through mid-August so the third crop, in a four-crop system, is the most seriously affected," he added.

Since damage by this pest is irreversible, early detection is important.

"Sweep net sampling procedures set forth in the Pennsylvania Alfalfa Pest Management Program will give a grower adequate warning as to the presence and severity of the leafhopper problem," he continued. "When alfalfa is two to six inches tall, the decision to spray should be made from representative sweep net samples."

But it wasn't wilt and it wasn't insects that severely affected a number of farmers in northwestern Pennsylvania. Mother nature dealt a debilitative blow in August with an early frost and talk focused on the feeding value of corn silage under those stresses.



This year's top five alfalfa growers represent both the east and west of Pennsylvania. From left to right the group includes: grand champion — J. Allen Baker, Bedford Co.; reserve champion — Harold Bollinger, Lebanon Co.; third — William England, Blair Co.; fourth — Ron Kopp, Dauphin Co.; fifth — Nelson Wenger, Lancaster Co.

The Forage and Seed Conference recognized, for the first time, the Outstanding Forage Spokesman. The top six spokesmen are, from l to r: champion — Joseph Hartle, Centre Co.; reserve champion — Ross Orner, Jr., Clearfield Co.; Jim Hostetter, Mifflin Co.; Hershey Bare, Lebanon Co.; Richard Burd, Fayette Co.; William England, Blair Co.

Since the energy content of whole-plant corn varies only from 60 to 70 percent on a dry matter basis according to maturity and even grain content, most weather-affected silage should be of reasonably good feeding quality, reported dairy Extension specialist Dick Adams.

"More problems from moldy feed may be expected," Adams said. "Some ears and forage portions were moldy when ensiled. Moldy feed often is higher in estrogen content and lower in feeding value than ususal. In rare cases, molds produce mycotoxins that can be very toxic at levels over .2 to 1 part per million in the total ration dry matter."

Mycotoxins, which can be produced before or after ensiling, can cause loss of appetite, production decline, black or bloody diarrhea and even abortion.

Adams emphasized that corn grain in dry or high-moisture form is more susceptible to mycotoxin problems than whole-plant silage. Mycotoxin screening tests are available for suspected feeds, he added.

"When silage pH does not fall below 4.8 to 5, botulism, entertoxemia, listerellosis or mycotoxins may be encountered. Nitrate poisoning seldom occurs but is more prevalent in drought-stricken corn silage. Reproduction may suffer when nitrate levels reach two percent in the total ration dry matter," reported Adams.

For those producers leaning away from ensilage, Jud Heinrichs, Extension dairy specialist presented some alternatives in pasture management.

"In many areas of Europe, New Zealand and Australia, pastures are routinely used for dairy operations with great success," explained Heinrichs.

Due to the large amount of protein in high quality forage, less grain is normally required to get maximum production. A sound basis for optimum supplementation would be to add only enough grain to bring the total ration digestibility to 67 percent, the point where digestibility no longer limits intake, he reported.

"In terms of productivity, the rotational grazing or paddock system appears to work the best. This provides a continuous supply of high protein and immature pasture for grazing throughout the summer.

"Graze the stands from two to seven days, allowing the pasture to remain in the growing stage for an extended period of time which helps keep forage digestibility at its peak," Heinrichs suggested.

Before the conference ended, participants recognized the death of Extension agronomist Willis L. McClellan, with a proposed memorial scholarship. Known as the Willis L. McClellan Memorial Scholarship, the gift would be awarded on an annual basis to a qualifying student in Agronomy. Special consideration will be given to deserving students with a specific interest in conservation tillage.

For more information or donations to the memorial scholarship, contact Penn State, office of gifts and endowments, 23 Willard Buiding, University Park, 16802.

John Rodgers of Belleville was honored as the 1982 Pennsylvania Forage and Grassland Council's Special Award.

The Mifflin County dairyman, a former PFGC president, helped establish the Pa. Alfalfa Growers program sponsored by PFGC and the Cooperative Extension Service.

The 1983 PFGC executive slate includes: president, William Stringer, assistant professor of crop science at Penn State; vice president, Hershey Bare, Lebanon County dairy farmer; secretary-treasurer, Richard Hann, Milton Hershey School agribusiness director; executive vice president, John Baylor.

For their top alfalfa production of 10.2 tons per acre, the Harold Bollingers of Lebanon County accept Reserve Grand Champion accolades from Extension agronomist John Baylor, who will be retiring next year. The group includes from l to r: Newton Bair, Lebanon County Extension agent; Amy and Harold Bollinger; and Baylor.

Don't load firearms before shooting time

HARRISBURG — The Pennsylvania Game Commission urges hunters going afield before daylight not to load their guns prior to the legal shooting hour.

During deer seasons, hunters often head out well before daylight so they reach their favorite hunting spots before dawn. Some load their firearms before starting.

Hunters usually trip on branches, roots, rocks, etc. when traveling in the darkness, particularly through the woods. Sometimes, a gun accidentally discharges when the hunter trips or falls, and a serious accident can result.

Dukas' DHIA career travels north of Mason-Dixon line

BY DONNA TOMMELLEO

UNIVERSITY PARK — 'Tis the season for turkey and thanks and 'tis also the season for county DHIAs to reflect on their testing year and recognize the efforts of individual producers at annual dinner meetings.

This year's banquet circuit introduces a new face to the Pennsylvania dairy industry. He's 28-year-old Philip Dukas, the new general manager of state's DHIA testing lab, which officially opened earlier this spring.

Has Dukas found things to his liking?

"I feel this is the best lab in the country as far as efficiency and accuracy go," he reported.

But Dukas and staff are looking for ways to increase the lab's efficiency. The new DHIA manager explained the addition of a key punch would help reduce turnaround time.

Currently, as samples enter the testing lab at University Park, the accompanying barn sheets must travel to Penn State's administration building so the information can be key punched and fed into a computer for processing.

The addition would cost about $56,000 for most of the computer hardware, said Dukas.

"The funding is ready," he added. "The Pennsylvania dairyman is footing the bill." He explained that a previous 15-cent raise in testing rates helped defray costs.

While meeting with dairy producers, either on the road or at the state lab, Dukas has fielded a number of requests to expand the testing program.

"There is an interest from farmers to be able to access their records via home computers," he reported. "We'll constantly be monitoring this interest."

"As each year goes by, the possibility of a remote access system becomes more feasible," Dukas predicted.

Such a system, said Dukas, would allow farmers, with the right kind of computer, to call up their records directly from the main DHIA terminal.

Dukas' background with the Virginia DHIA gave him some exposure to remote access systems.

"This can tailor the reports to exactly the needs of your farm," he explained. "But unless an on-the-farm access system is done with a lot of planning, I seriously question the credibility. DHI is a very high credibility system," he added.

The new director of operations, Dukas is a 1977 graduate of Virginia Polytechnic Institute, with a degree in Dairy Science.

The son of a career Army officer, Dukas has lived all over the world, but because of his involvement with Virginia agriculture, calls the "Old Dominion" home.

Following graduation from Virginia Tech, Dukas began his career as a DHIA supervisor.

Philip Dukas

Testing cows, said Dukas, became his best source of practical experience.

"You see how a lot of guys do it right and wrong," he recalled. One job often leads to more opportunity and soon Dukas and wife Kit found themselves milking 120 Holsteins and tending calves on a central Virginia dairy.

But the call for DHIA work returned. Dukas answered and began as an area fieldman in the Shenandoah Valley region.

The central office in Blacksburg, Va. expanded and Dukas moved back to his alma mater.

"I still worked in the field to some extent," he said. However, field duties were gradually replaced with an administrative role.

Following a year in the Blacksburg office, Dukas was hired by the Pennsylvania DHIA and started earlier this fall as director of operations. Dukas, wife Kit and daughter Alex reside in State College. The Dukases are expecting their second child in May.

Dukas' arrival has been just one of a series of innovations for the state's DHIA participants. At the new lab's christening in April, only two of seven testing machines were set up for protein, explained lab manager Dean Amick. Today, all the machines record the protein and butterfat content within seconds of each other.

Because of the growing interest in protein testing, Dukas has been examining different protein pricing systems, such as the one instituted by Milk Marketing, Inc.

"Any good protein program will have a somatic cell adjustment," he noted, since an increase in SCC will tend to elevate the protein content.

The new general manager will be at the helm less than four months before the new nationwide DHIA rules take effect.

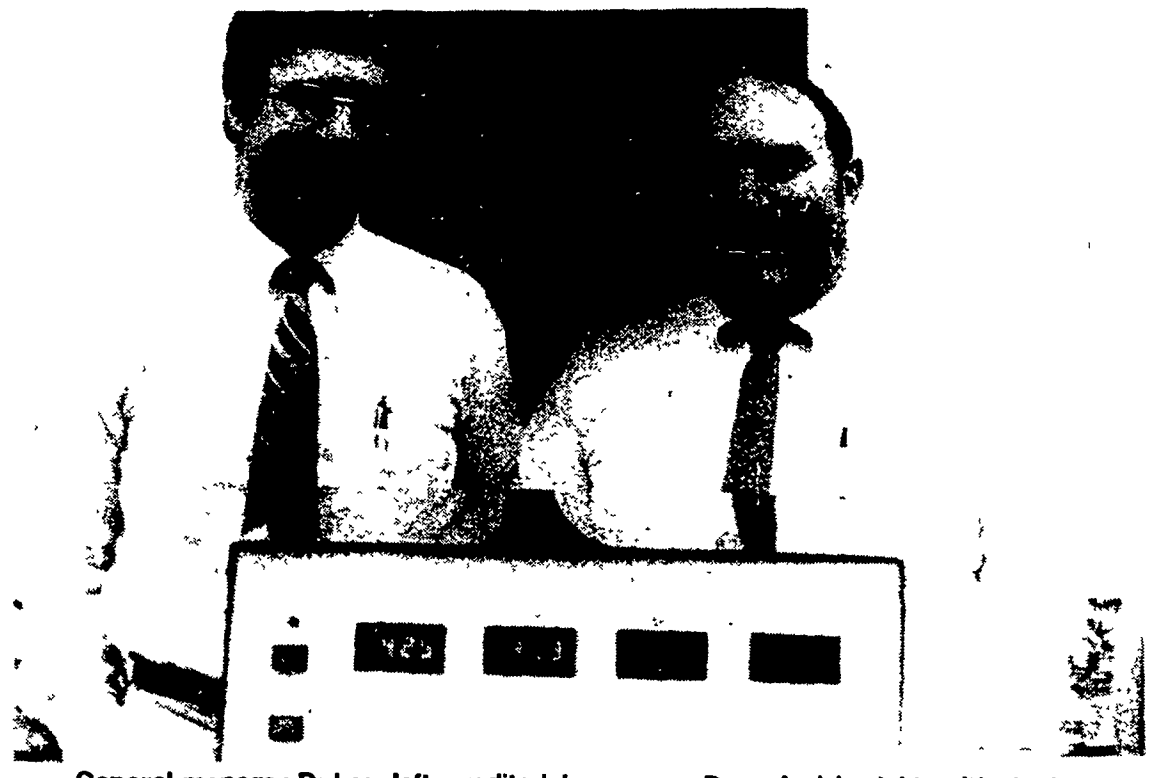
"The whole tone of the rules is different," Dukas commented. "In the past, the rules were to safeguard the credibility of the program and guard against infractions.

"But now, the rules are based on a guarantee that every dairyman has an accurate and reliable test," he added.

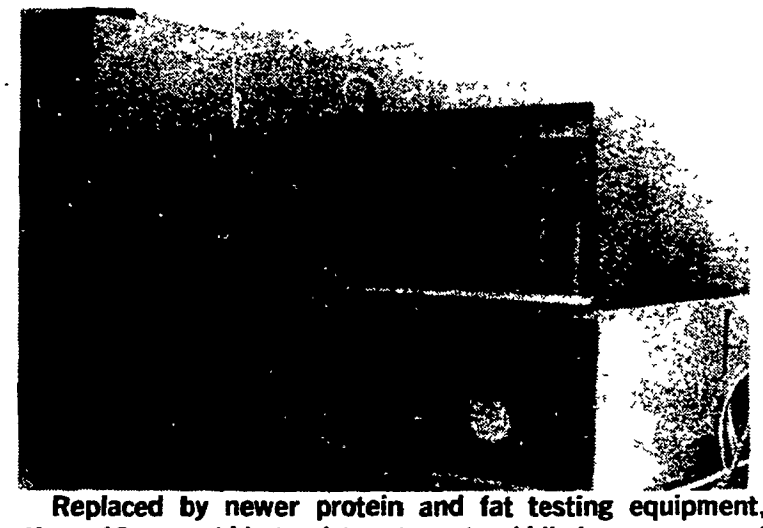
The following list includes some of the more apparent rule changes, which will take effect next year.

- Any equipment used on test day, found to be out of tolerance must be repaired before further use.
- The beginning and ending time for each milking shall be recorded for DHI herds.
- Cows used as donor dams or embryo recipients must be tested as members of the herd where located.
- All cows must be identified with a visible tag, neck chain, leg band or brand.
- Adjustments for sick or injured cows on the first test day of the lactation will be made providing qualifications are met.
- Bulk tank weights will be recorded by DHI supervisors from haulers weigh slips for three previous pick-ups and the number of milkings represented will be recorded. If unavailable, reasons why weights are not available will be reported in writing to the state DHIA.
- Refusal to test when a supervisor calls or arives at the farm is a violation of Official DHI rules. Advance requests by herd owners not to test on a particular day shall be respected when reasonable.
- Requests for retests shall be made within 15 days of the original test day.

"It's a good set of rules," Dukas said. "We'd rather incorporate them in our program and go on with the business of the day."



General manager Dukas, left, credits lab manager Dean Amick, right, with the lab's efficiency. The two DHIA officials stand behind one of the newer pieces of equipment which records butterfat on the left and protein on the right.



Replaced by newer protein and fat testing equipment, these 13-year-old butterfat testers stand idle in one corner of the state's DHIA lab. Lab manager Dean Amick estimates that more than 5 million samples have run through the now obsolete equipment.

Bucks DHIA celebrates 59th year

PLUMSTEADVILLE — Representatives of Deleware Valley College were laden with production awards, following Bucks County's annual DHIA meeting, last week.

The Doylestown college claimed the high herd milk and fat award with 19,965 pounds of milk and 754 pounds of fat on 40 cows.

High-production honors for an individual cow also went to DVC for cow "Abagail," with 28,842 pounds of milk.

Paul Bishop of Perkasie collected the award for high cow for fat. Bishop's "Deann" finished with 1,122 pounds.

Richboro dairyman Theodore Wilson owned the top cow for high lifetime production. Wilson's "Queenie," turned in a lifetime record of 225,187 pounds of milk and 8,376 pounds of fat.

Stephen Natali of Perkasie finished the year with the most improved herd for milk.

In all, 56 herds finished the 1982 testing year. The county's 3,362 cows averaged 16,223 pounds of milk and 604 pounds of fat.

The following are executive members of the 59-year-old Bucks County DHIA: president, Robert Holland; vice president, Roy Shull; secretary-treasurer, Clyde Bishop, directors, Clarence Berger, Warren Buckman, Jr., Joe Peters, Paul Wisser, Raymond Gross, David Walton and Kenneth Hager; supervisors, Christine Hess, Ruth Ann Moyer and Earl Whitman.

Bucks Co. DHIA president Bob Holland, far right, and banquet speaker Carl Brown, second from right, join members of the Association honored for high production. From left to right the award-winners are: Theodore Wilson, high cow lifetime milk and fat; Paul Bishop, high cow for fat; Henry Swartz and Jim Harner, DVC representatives, high herd for milk and fat, high cow for milk.

Judge slaps Polled Hereford champs at NAILE

LOUSIVILLE, MO — Twelve states were represented on the championship roster, as nearly 150 Polled Hereford entries came to Louisville, Ky., for the North American International Livestock Exposition.

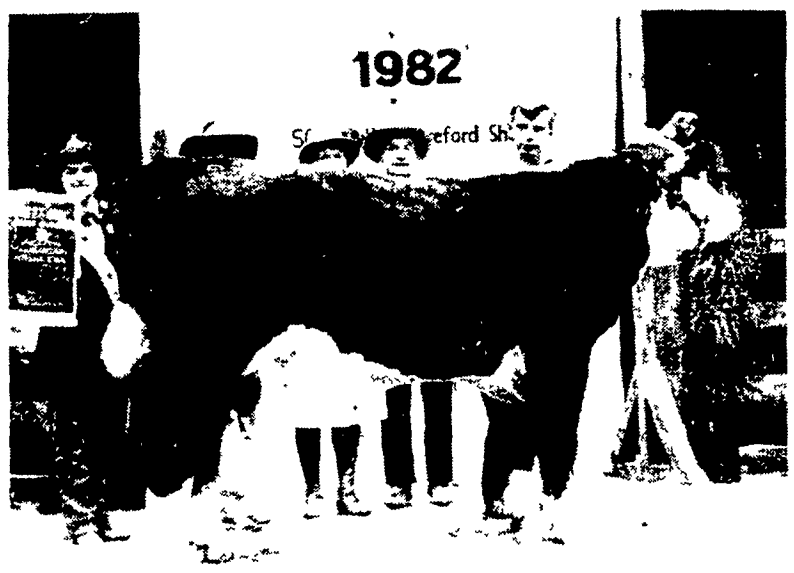
Bob Kropp of Oklahoma State University, Stillwater, judged last Monday's Standard of Perfection Show. One of eight SOP shows during the show season, this event was dedicated to Davis McGehee of Long Branch Farms, Brandenburg, Ky.

Judge Kropp went to his Senior Champion bull to name a Grand Champion and backed him up with his Calf champ as Reserve. TNJ Enf High Voltage took the Grand Champion title for Terry Jones, Blairsville, Ga.; Jones Polled Herefords, Blairsville, Ga.; and River Bend Farm, Cooleemee, N.C. Just a week earlier this son of Gold Standard Sire Enforcer 107H was named Reserve Senior Champion at the 60th National Polled Hereford Show. Calf and reserve grand champion bull was Long Branch Excitement, sired by Gold Standard Sire Will-Via Justa V. He is owned by Martha McGehee of Brandenburg, Ky., and Joe McGehee of Louisville.

On the female slate, judge Kropp found championship material in his Junior Champs, giving the championship slap to HH Glory Be. Next he turned to Reserve Junior Champion Botkins Miss SSS PAF 905 to name a Reserve Grand champ. Glory Be was sired by JRM Framework 821 and collected the purple banner for Harris Polled Herefords, Lodi, Calif. A successful show ring campaigner, she was named Grand Champion at the Nebraska State Fair's SOP Show, as well as a class-winner at the 60th National. The runner-up is owned by Bitkin Polled Herefords, Lexington, Ky.; Sam Sells and Sons, Moultrie, Ga.; and Pine Acre Farm, Mershon, Ga. This was the second SOP reserve title from the North Carolina State Fair.

Reserve Senior Champion bull

WSF Ms Framework 054N was named Reserve Senior Champion Polled Hereford female at the North American International Livestock Exposition, held last Monday in Louisville, Ky. Ms Framework is owned by Wingert Stock Farm, Ottawa, Kan., and Stockdale Hereford Farm, Dayton, Pa. The 150-head Standard of Perfection Polled Hereford Show was judged by Bob Kropp of Oklahoma State University, Stillwater.



Graystone Boulder was named Reserve Junior Champion Polled Hereford bull at NAILE. Boulder is owned by Graystone Farm, Schellsburg, Pa., and Will-Via Polled Hereford Farm, Mooresville, N.C.

NS Victor Enforcer 78M was the second Enforcer son to make the winner's list. He won the honors for NS Polled Herefords, Portland, Ind. In the race for the Junior Championship, MF Maxim Plus 681 came out victorious, claiming the laurels for Moffet Farms, Moweagua, Ill., and Earl Glidden, Hallock, Minn. Maxim Plus was sired by Stlbrk Gilead 67K and was named Grand Champion at Nebraska's SOP Show. Reserve Junior Champion Graystone Boulder is a tanbark veteran who took the North Carolina SOP grand championship before being named Reserve Junior Champ at the 60th National. At the NAILE, he took the Reserve Junior spot for Graystone Farm, Schellsburg, Pa., and Will-Via Polled Hereford Farm, Mooresville, N.C. Boulder was sired by 59th National Champion Graystone Grantie. Rounding out the bull roster was Reserve Calf Champion Boyd Bengal 261P, a son of BT CL Domino 445M owned by Charles E. Boyd and Son, Mays Lick, Ky., and Holly Hill Farm, Knoxville, Tenn.

Lindsay Pope, Lancaster, Ky., took the Senior Champion Female honors on GF Victoria R17 125, sired by R Victor 647 R17. The runner-up senior female was WSF Ms Framework 054N, a half-sister to the grand champion female. She is owned by Wingert Stock Farm, Ottawa, Kan., and Stockdale Hereford Farm, Dayton, Pa. Ms Framework has a list of Midwest show ring wins including the reserve senior championship at the 1982 Kansas State Fair.

The calf champion female match-up sent two more show ring veterans to the winner's circle. Calf champion SSS Classy Lady P1 holds the same title from four state

(Turn to Page A23)

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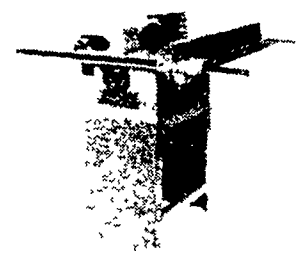

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Huff Ranch scores big in Suffolk nat'l show

LOUISVILLE, Ky. — It was absolutely worth the trip," explained Doris Huff of Huff Ranch, Salem, OR, after capturing Grand Champion Ram, Grand Champion Ewe and Champion Flock in the National Suffolk Sheep Show at the North American International Livestock Exposition.

Doris and her husband Ben, traveled over 2,400 miles from their ranch in Salem, OR, to be part of the largest sheep show at the NAILE.

Huff Ranch's ram, The Baron, was slapped Grand Champion after winning the Yearling Ram Class. Judge Robbie Frost, Bloomingsburg, OH, explained that the ram "filled the utilities of all aspects of the industry."

Frost went on to say that there are three people to please in the sheep industry: commercial breeders, club lamb traders, and purebred breeders. Each are looking for different traits in the animal from size, to growth, to style.

The Reserve Grand Champion Ram went to New Genes of New Power Suffolks, Berlin Heights, OH. New Genes was the Jr. Ram Lamb winner.

Then Darrell Anderson, Windom, MN, stepped in to judge the ewe classes. Anderson stated he was looking for a ewe that typified the ideal Suffolk. The ewe should have frame, feminity, structural correctness and an over-all usefulness.

After that he went on to slap Pipestone G611 from Huff Ranch as Grand Champion Ewe. Pipestone also placed first in the yearling class. Reserve Grand Champion honors went to Miss Nugget of B & L Livestock, Canby, OR, the second-place ewe in the Yearling Class.

Huff Ranch was not finished winning, however. They went on to receive yet, another award. Both judges, Frost and Anderson, agreed that Huff ranch had the Champion Flock at the show.

The last award of the show was given to Bill Heggemeier, Kirkland, IL, as Premier Exhibitor.

Polled Hereford champs

(Continued from Page A22)

fairs, including the North Carolina SOP Show. She was sired by WP Enforcer Lad 100L and is owned by Jarrod Sells, Moultrie, Ga. BFS PRL Justa Banner 56N took the reserve calf championship for ACE Polled Herefords, Millbrook, N.Y., and Battleground Farms, Salem, N.J. Sired by Gold Standard Sire WSF PRL Justa Banner, she also holds four calf championships from regional shows, as well as the reserve calf championship from North Carolina.

In the group classes, the progeny of Enforcer 107H scored victories in the get-of-sire competitions. The calf get-of-sire group was an entry of Sam Sells and Sons, while the get-of-sire quartet earned the blue ribbon for Terry Jones. Botkin Polled Herefords took the Best-Six-Head award and the Premier Exhibitor title.

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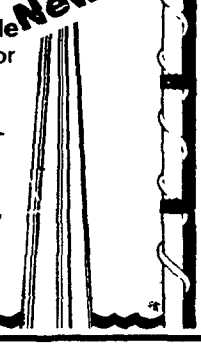

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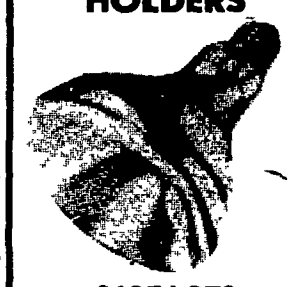

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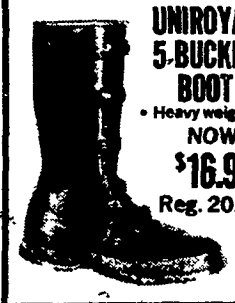

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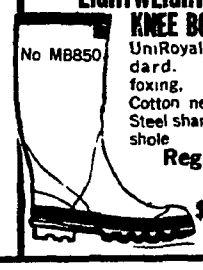

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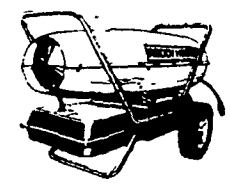

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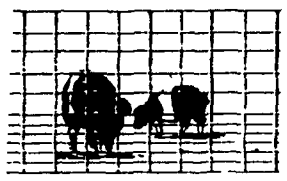

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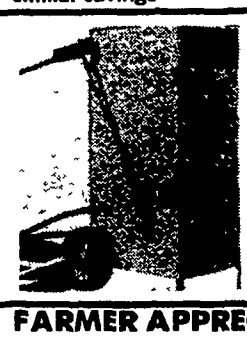

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LAS-2-204

Gruber wins Extension award

Henry A.W. Gruber of R2, New Tripoli, receives 1982 Friends of Extension Award from Alletta Schadler, Lebanon County Extension director, chairperson of the awards committee.

UNIVERSITY PARK — Henry A. W. Gruber of R2, New Tripoli, has been named recipient of the 1982 Friends of Extension Award presented by the Pennsylvania chapter of Epsilon Sigma Phi, national honorary Extension fraternity.

Gruber was honored at the chapter's annual meeting last Wednesday on Penn State main campus. He was cited for his contributions to the Cooperative Extension Service and the Commonwealth's agricultural industry.

Alletta Schadler, Lebanon County Extension director, who presented the award, pointed out that Gruber, in charge of procurement for Arbogast and Bastian Meat Packing Company, Allentown, has purchased about $2 million worth of 4-H animals at various state sales.

He has served on more than 21 different agricultural committees, both state and local. He was president of the Lehigh County Extension Association and chairman of the Lehigh County agricultural committee. For his outstanding service to agriculture, he was elected by the Penn State College of Agriculture faculty to honorary membership in Gamma Sigma Delta, honor society in agriculture. In 1982, he was named distinguished alumnus in livestock at Penn State.

Gruber has been a director of the Pennsylvania Livestock Association, serving on the committee for youth activities and the research and development committee. For his service to the livestock industry, he was named Livestock Man of the Year in 1978.

The award winner has been a member of the executive committee of the Pennsylvania Meat Animal Evaluation Center at Penn State. This committee sets policies for performance testing of beef cattle, sheep, and seine in Pennsylvania.

Gruber won both the Lehigh

(Turn to Page A47)

Joseph A. McCurdy, Extension agricultural engineer at Penn State was recipient of a Distinguished Service Award for his educational adult and youth programs. McCurdy was cited for his programs in the design of potato storage facilities, emergency farm power systems, and 4-H electric project work.

Douglas B. Beegle, left, Extension agronomist at Penn State, was recipient of the 1982 New Worker Extension Award presented by the Pennsylvania chapter of Epsilon Sigma Phi, national honorary extension fraternity. Presenting award is Robert N. Houston, Columbia County Extension director, awards committee chairman. The award is presented to a member of the Cooperative Extension Service staff with two or less years of service and who has conducted outstanding educational programs. Beegle was cited for his soil fertility work and the development of effective teaching aids to assist with his programming. A native of Roaring Spring, Beegle was named to the Extension staff in March 1981.

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USDA proposes changes in pseudorabies regs

WASHINGTON, D.C. — Amendments to federal regulations, designed to prevent the spread of pseudorabies through interstate livestock market channels, have been proposed by officals of the U.S. Department of Agriculture.

L.W. Schnurrenberger, a veterinarian with USDA's Animal and Plant Helath Inspection Service, said the proposed changes would clarify existing regulations, revise definitions, establish alternate means for swine herds to gain or regain health status and provide for improved interstate shipping.

"Experience garnered since pseudorabies regulations were issued in May 1979 has shown the need for some changes," Schnurrenberger said. "These proposals would improve the programs effectiveness and at the same time relieve producers of unnecessary restrictions."

The changes include a proposal that a herd of livestock other than swine be considered infected for a maximum of ten days following the last clinical case of pseudorabies. Schnurrenberger said most infected animals will show signs of the disease within ten days. Swine, however, carry the virus without showing symptoms.

Changes also provide for retesting and evaluating swine that show a low-level reaction to serological testing. In some cases this may result from causes other than pseudorabies. Veterinary epidemiologists conducting such retests would be approved by the state veterinarian and the USDA veterinarian in charge in that state.

Procedures for regaining qualified pseudorabies negative herd status and for releasing known infected herds from quarantine would require testing of all animals, instead of only those over six months of age, under the proposal. Veterinarians have found that swine of any age can contract the disease, Schurrenberger said. Nursing pigs' health would be indicated by testing the sow.

Under the regulations, pseudorabies controlled vaccinated herds would have to maintain a minimum of ten percent unvaccinated animals for use in monitoring the herd's disease status through periodic testing. Vaccinated animals cannot be tested effectively since both vaccine and disease produce the same antibody reaction, he said.

Swine premises would no longer have to be cleaned and disinfected after removal of pseudorabies positive animals, under the proposal. Veterinarians have found that cleaning and disinfection is effective only when all swine are removed. Other proposed amendments include:

— Changes in the retesting schedules to allow more flexibility in accomplishing the required procedures;

— An alternate provision for regular testing to maintain qualified pseudorabies negative herd status;

— New isolation and testing rules for swine returning from shows;

— Provisions for swine to move on owner-shipper statements from a farm of origin to an approved livestock market or to slaughter; and

— Additional freedom of movement from approved livestock markets.

Comments on the proposed changes should be submitted by Jan. 3, 1983, to the deputy administrator for veterinary services, APHIS, USDA, Room 870 Federal Building, 6S05 Belcrest Rd., Hyattsville, Md. 20782.

Angus breeders elect new president

ST. JOSEPH, Mo. — Ray Adams, Tahoka, Texas, was elected president of the American Angus Association at the organization's 99th annual meeting last Monday in Louisville, Kentucky. He replaces Charles Cannon, retiring president from Flemingsburg, Kentucky.

The 280 Angus Assn. delegates at the meeting also selected W.C. Bedingfield, Yale, Oklahoma, as the new vice president and elected five men to the Association's 15-member board of directors. Re-elected to their second 3-year term on the board were Robert Neumeyer, Bonners Ferry, Idaho; and Robert L. Sitz, Harrison, Montana. Elected to their first terms were Paul May, Mineral Point, Wisconsin; Paul Stueland, Calamus, Iowa; and Wayne Wyble, Opelousas, Louisiana.

The meeting was held at the Kentucky Fair and Exposition Center in Louisville during the 1982 North American International Livestock Exposition. A near-record crowd attended the Angus activities held in conjunction with the annual meeting which in addition to the open and junior Angus shows included the annual banquet which featured Baxter Black as guest speaker, and a seminar on advertising and merchandising purebred cattle.

Ray Adams, the new president, has been breeding Angus cattle since 1950. He switched his Angus operation from commercial to registered in 1959. Today he runs a herd of some 200 registered Angus cows in addition to operating a 2,000-acre cotton farming operation.

Adams has been active in both Angus and other livestock association activities. He is a past president, vice president, treasurer and director of the Texas Angus Association. He also has served as an officer and director of a number of local Angus organizations.

He is an active member of the National Cattlemen's Association, and the Southwest Cattle Raisers Association. He also was a 4-H Club adult beef leader for many years, a deacon in the Baptist Church, and has been livestock superintendent to the Lynn County Livestock Show. He is married to the former Nan Pennington, and they have two married children, Jim and Jo Anna Thomas, and one grandson, T.J. Thomas.

Bill Bedingfield, the new vice president, runs about 200 cows at his Wil Mar Angus Farms near Oilton, Oklahoma. He has been breeding registered Angus for some 17 years, and has served 5 years on the Association board of directors. He is a past president of the Oklahoma Angus Association. In addition he has served on his local school board and on the governing body of the St. James Episcopal Church. He and his wife Cecelia have two children.

The American Angus Association's board of directors meets quarterly, three times in the home office in St. Joseph, Missouri, and once in conjunction with the annual meeting.

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AGRI-TEK Nu-Pulse invites you, the DAIRY FARMER, to attend one of the following meetings:

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Ever wonder how to tame a witch doctor?

Well, Tony Pellicciotti, of R1 Birdsboro, once did it by building novelty agricultural weather vanes.

If he looks familiar, Tony was at KILE recently with a weather vane display.

A 50-year gold card-carrying Union carpenter, Tony used to work on a lot of foreign assignments, including Venezuela, Mexico, Panama and the like.

"To keep on the good side of the witch doctors, I'd build them a weather vane," he explained.

"Then, they never bothered me."

Now retired, he finds himself busier than ever, building weather vanes that grace all kinds of farms and homes across the state and beyond.

Duncan succeeds Bowers as PGC ex. director

HARRISBURG — Peter S. Duncan, III, currently secretary of Environmental Resources, has been selected to succeed Glenn L. Bowers as executive director of the Pennsylvania Game Commission. Duncan's appointment was announced last Wed. during a special meeting of the Commission in Harrisburg.

In announcing the appointment, Commission President Paul A. Hickes of Alexandria noted, "We are extremely pleased to have a person of Secretary Duncan's background and experience join our agency as chief adminstrative officer. Secretary Duncan has an outstanding record of Common wealth service dating back to 1970 and we feel very fortunate being able to utilize his talent and expertise as a resource manager within our agency. Secretary Duncan has proven himself an able administrator, and we're certain he will continue to provide the high calibre of wild resource management Pennsylvania sportsmen have come to expect from the Game Commission."

President Hickes also had high praise for Bowers, who will retire Dec. 31, after 34 years with the Game Commission. Hickes noted, "Glenn Bowers has been an outstanding leader and has accomplished much in his long career. The other Commissioners and I wish him well and many good days afield in retirement." Bowers, a wildlife biologist, served as chief of Research and deputy executive director before assuming the top post in 1965.

Secretary Duncan entered service with the Commonwealth in 1970 as assistant executive secretary and field representative for the Joint Legislative Air and Water Pollution Control and Conservation Committee. A year and a half later, in January 1972, he was promoted to executive secretary.

In that position, he worked hand-in-hand with the General Assembly solving short and long range problems related to the Commonwealth's environmental and natural resource programs.

In seven years as head of the committee, Duncan, monitored all legislation bearing on environmental programs and worked specifically for passage of statutes further protecting the state's land, air and water resources. He also served as legislative watchdog over expenditure of Project 500 monies — the fund which provided $500 million for conservation, outdoor recreation and reclamation purposes.

Early in 1979, then DER Secretary Cliff Jones selected Duncan as his special deputy for legislative affairs and planning. As legislative liaison between the Department and the Governor's Legislative Office, he assisted in planning and directing DER's programs throughout the Commonwealth.

Later named Deputy Secretary for Resource Management, Duncan assumed responsibility for DER's land and water conservation activities which included outdoor recreation (state parks), forestry, soil and water conservation programs, and related engineering and construction projects.

When Jones resigned early in 1982 to become a PUC commissioner, Governor Thornburgh nominated Duncan to head the Department of Environmental Resources. In January, he was unanimously confirmed by the Senate and continues to direct the Commonwealth's air, land and water resources management programs — administering a $120,000,000 budget and 3550 salaried employees.

A native of Hollidaysburg, Secretary Duncan was educated in the local schools and was graduated from Penn State in 1966 with a degree in parks and recreation. He taught briefly at Hollidaysburg; was a ranger-naturalist at Glacier National Park; and was a park naturalist for Arlington County, Virginia before entering military service in 1967.

A distinguished graduate of the Army Officer Candidate School, he served as a company commander in Viet Nam, was awarded the Bronze Star with Oak Leaf Clusters, the Vietnamese Cross of Gallantry and Army Commendation Medal. He was honorably discharged in 1969 with the rank of first lieutenant.

Secretary Duncan is a former president of the Pennsylvania Forestry Association. Married to the former Rebecca Albright of Hollidaysburg, they have two sons and reside near Millerstown.

Deer don't have to be displayed

HARRISBURG — Lawfully taken deer do not have to be displayed on vehicles while being transported, according to the Game Commission. It is only required that they be properly tagged.

Actually, the table quality of venison suffers when it is exposed to elements such as snow and wind, road dust and grime, fumes, and engine heat.

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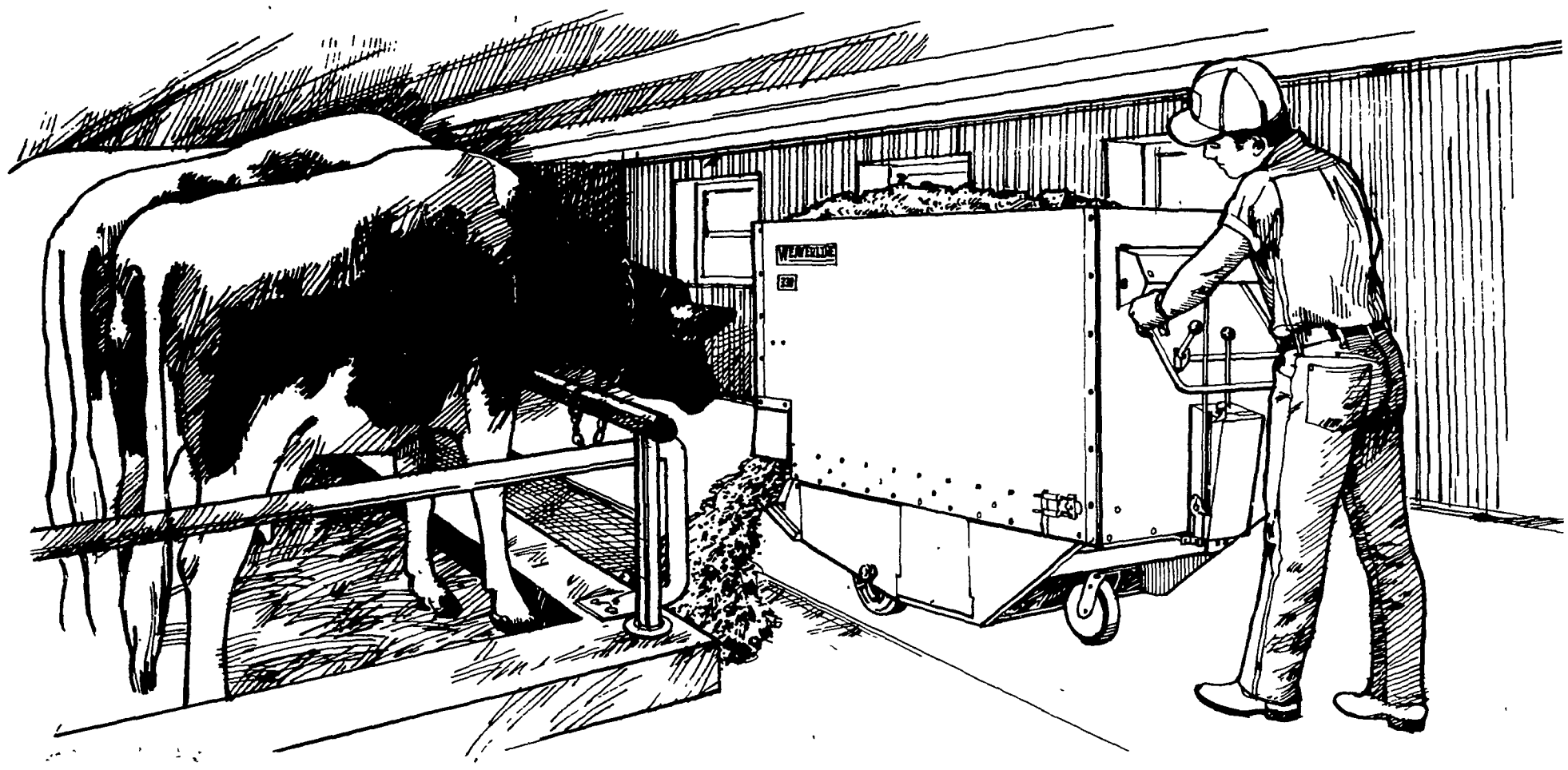

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Banner, Driver get win grand champion Polled Hereford banners

KANSAS CITY, Mo. — The championship lineup paraded before a packed house at the 60th National Polled Hereford Show. The slapping of the grand champions capped off two days of enthusiastic competition during last weeks American Royal Livestock Show, held here in Kansas City, Mo.

From Hawaii to Conneticut and from Canada to Texas, 335 entries traveled to the nation's heartland for the competition. Cattle from 14 states and Canada shared in the divisional awards, but the grand champion titles were split among breeders from Illionois, Idaho, Missouri, Oklahoma and Montana.

YF Phenomenal 017 came from a strong class of May and July two year olds to sweep the senior and grand champion bull awards. Phenomenal is a May 1980 son of Gold Standard Sire WSF PRL Justa Banner and is owned by Yordy Farms, Morton, Ill.; Elkington Polled Herefords, Idaho Falls, Idaho; Glenkirk Farms, Maysville, Mo.; and Edward Pruitt, Oklahoma City, Okla.

Phenomenal's national championship climaxed a string of wins beginning with the 1981-82 show season. His most recent victory was as senior and grand champion at the 1982 Illinois State Fair. The average weight of the 11 bulls in Phenomenal's class was 2,077 pound, and he posted a 2,230-pound weight for a 2.48-pound weight per day of age.

The 213-head female competition was headed by Beartooth Lumina 447N. Bred and owned by Beartooth Ranch, Columbus, Mont., Lumina was named junior champion before returning to the winner's circle to claim the champion's purple banner. The champ is a March 1981 daughter of Gold Trophy Sire BT PRL Driver 536L and is a show ring veteran who was named calf champion at the 59th National Show, returning to the 60th to take the top prize.

Three nationally known and respected cattlemen worked on the three-man composite judging system to evaluate the powerful offering. They were Russ Danielson, North Dakota State University, Fargo; Odell Gelvin, Ogeechee Farms, Fairland, Okla.; and Gene Wiese & Sons, Manning, Iowa.

Reserve grand champion bull Sterling has been building a lengthy list of victories at state fairs and regional livestock expositions. He reinforced his winning reputation as he came from the senior bull calf championship to take the lavender banner for Sterling Polled Herefords, Cushing, Wis.; ACE Polled Herefords, Millbrook, N.Y.; and Cherokee Farms, Chandler, Okla.

Sterling is a September 1981 son of Gold Standard Sire Enforcer 107H, and was recently named calf champion at the North Carolina State Fair's Standard of Perfection Show.

Charles Gray and Son, Murray, Ky., and Split Butte Ranch, Rupert, Idaho, are the co-owners of reserve grand champion female CHG Miss Kay 5M. At the Central Washington State Fair's SOP Show, this September 1980 daughter of BHF Banner King 16J was named senior champion. She scored that victory as a bred heifer, but was helped to her national victory by a two-week-old heifer calf.

In the cow-calf class, 15 cow-calf pairs filled the arena for a display of Polled Hereford maternal capabilities. With an April 1982 Driver heifer calf at side, WP Miss Enforcer 57M went to the head of the class to collect the cow-calf championship for Palaschuk Farms Ltd., Wishart, Sask. Another outstanding show ring veteran, 57M was named grand champion female at the 8th National Junior Polled Hereford Show for Gerard Palaschuk. Klondike Farms Ltd., Douglas, Man., took the reserve cow-calf championship on Klondike Hazel 468M, a daughter of 56th National champion Victor J Banner 75J. She showed with her March 1982 bull calf by Gold Seal Sire Wild Cat Sundance 7K.

Beartooth Ranch led a full brother of the grand champion female to the junior champion bull slot. Beartooth Kona is by Driver and out of Gold Trophy Dam Antonio Mis J3 27OF, and is co-owned by Onouli Ranch, Kealakekua, Hawaii. Beartooth claimed blue ribbons in the Get-of-Sire group, on Driver progeny, and in the Best-Six-Head class. These wins boosted them to share the premier exhibitor award with Glenkirk Farms. Beartooth also was named Premier Breeder of the Show.

Glenkirk finished first in the race for the junior bull calf championship on Verlou Marathon 26M 12P. Marathon is a son of Verlou Muchmore 107H 26M and is owned with Verlou Farms, Stonewall, Man., and Kilmorlie Farms, Bradford, Ont. GK Crowd Pleaser, sired by Klondike Banner 469L was named junior heifer calf champion for Glenkirk.

Apple Creek-Empire Farm Inc., Litchfield, Conn., took the senior heifer calf title on WF Captivatress, a daughter of WF Captivator. The reserve junior heifer calf championship went to Ll Miss Victor P139, while the reserve senior heifer calf award went to TCB Miss 107H 801. The junior calf is co-owned by Hub Ranches Ltd., Bonanza, Ore., and Orville and Larry Branson, Waitsburg, Wash., while the reserve senior calf is owned by Tway and Carolyn Branstetter, Hartville, Mo.

Kim Shanks, Mocksville, N.C., who helped with award presentations as North Carolina Polled Hereford Queen, watched from the sidelines as her entry was named reserve junior champion female. Kim's heifer is Fthill Debra Dale N14, sired by JRM Framework 821. This win gained the New Exhibitor Award for Miss Shanks. Rounding out the list of division winners on the female slate was reserve champion HHH Ll Oakmaid N7, an Enforcer daughter owned by Triple H Ranch, Burlington, Iowa.

TNJ Enf High Voltage took the reserve senior champion bull title for Terry Jones and Jones Polled Herefords, both of Blairsville, Ga., and River Bend Farm. Cooleemee, N.C. High Voltage was the fourth Enforcer offspring to make the champion's roster.

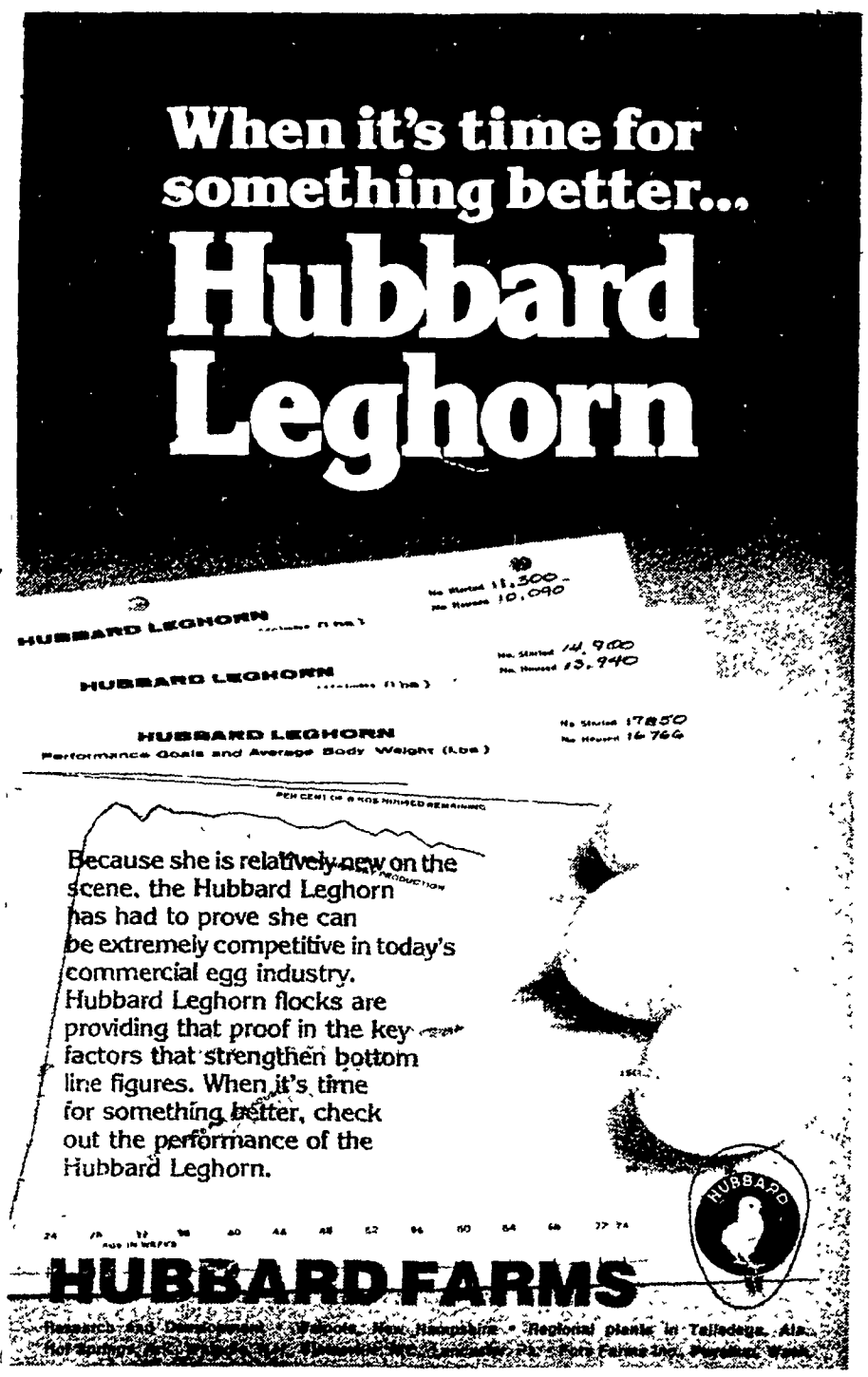
Reserve junior champion bull Graystone Boulder is a son of 59th National champion bull Graystone Granite Boulder claimed the lavender banner for Graystone Farm, Schellsburg, Pa., and Will-Via Polled Hereford Farm, Mooresville, N.C. G&R Polled Herefords, Marysville, Kan., captured the reserve senior bull calf award on G&R Mainframe, a son of Superior Sire BT CL Domino 15G. The remaining bull title, reserve junior calf, was claimed by WW DK Charm Vic 130 101P. He is a son of WW Charme 207L, owned by Wasser and Winters Co. Inc., Toledo, Wash., and Wooden Shoe Farms, Othello, Wash.

The calf get-of-sire award went to Ponderosa Ranch Ltd., Lloydminster, Sask., on a quartet of Driver calves.

The National Show was part of the 60th National Polled Hereford Convention-Show-Sale, and the week's activities included various business meetings and women's auxiliary meetings. Glen Klippenstein of Glenkirk Farms, Maysville, Mo., was elected chairman of the American Polled Hereford Association board of directors, while George Wingert of Wingert Stock Farm, was chosen by his fellow herdsmen as Polled Hereford Herdsman of the Year.

The National Organization of Poll-ettes, the Polled Hereford women's auxiliary, chose Melba

(Turn to Page A32)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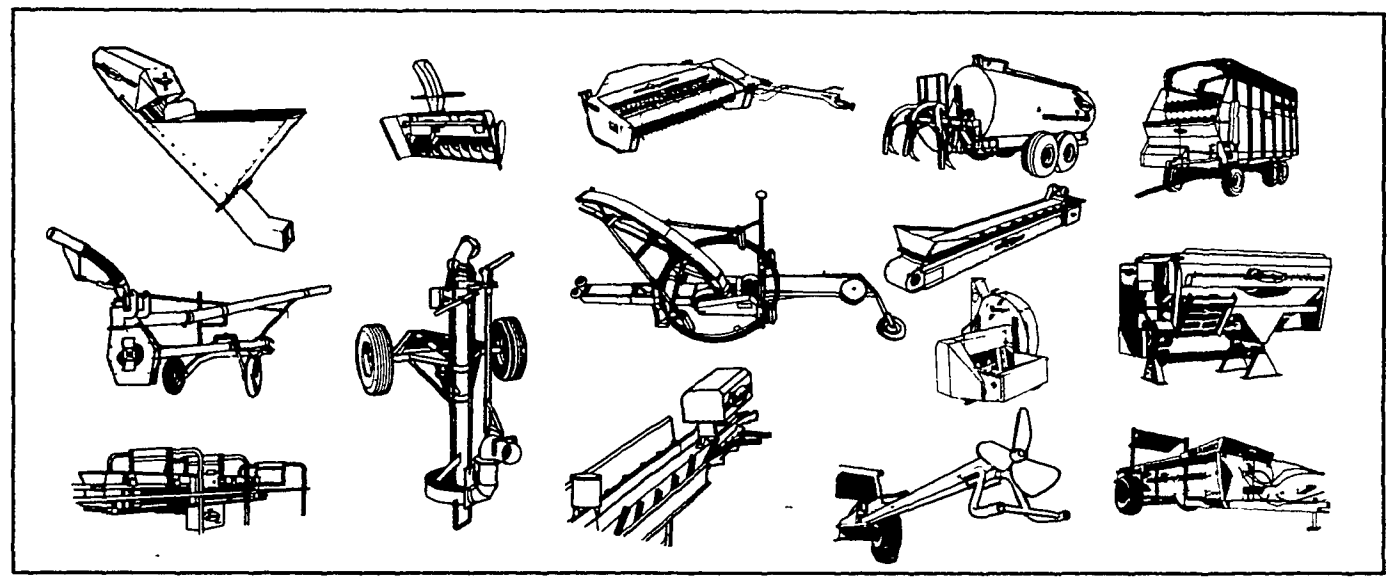

The investment tax credit will help to reduce your Federal income tax up to 10% of the cost of buying Badger Northland equipment.

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The credit directly reduces your Federal income tax dollar for dollar up to $25,000 plus 90% of the liability for tax in excess of $25,000. Any credit which you are unable to use in the current year may be carried back and utilized to obtain a refund of Federal income tax paid in the three previous years. The remainder, if any, may be carried forward to reduce such tax in the seven succeeding years.

All new and used Badger Northland machines purchased and used in business or for production of income qualify for the credit. (Used machines purchased are subject to $125,000 investment limit per taxpayer. There is no limit on new machines.)

The full 10% credit is available if the machine purchased has a useful life of at least 5 years. If the useful life is 3 or more years but less than 5, the credit is 6%. Generally, the credit may be obtained on the total purchase price of the machine. If you are trading in your old machine for a new one, some investment tax credit claimed in previous years may be recaptured.

Whether the machine is paid for in cash does not affect the amount of the investment tax credit.

If the machine is disposed of before its claimed useful life is exhausted, the credit is recomputed and may be wholly or partly recaptured

A combination of the investment tax credit and depreciation could substantially improve your cash flow.

For example: Assume that your joint federal income tax liability for 1982 is expected to be **$18,000.** If you decide to purchase 2 new Bader Northland Forage Wagons for $10,000, your tax liability may be reduced by the investment tax credit of **$1,000.** The normal depreciation rate assuming a five year useful life is $10,000 x 15% x 33%* = **495.** Total Reduction = **$1,495.** Reduced Federal Income Tax Liability = **$16,505.** (*Assumed marginal tax rate of 33%)

Check with your tax advisor to determine the exact benefits of purchasing Badger Northland machinery before December in your particular circumstances

And that is not all, for you will be able to reduce your future tax liability by claiming depreciation on the remaining undepreciated cost.

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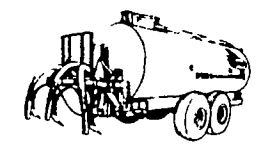

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WAIVER	NO	TO 4/1/83	TO 4/1/83
CASH PRICE	$1000	$1000	$1000
DOWN PAYMENT/TRADE IN	200 (20%)	250 (25%)	250 (25%)
AMOUNT FINANCED	800	750	750
FINANCE CHARGE	0	144.29	219 35
DEFERRED PAYMENT PRICE	1000	1144.29	1219 35
MONTHLY PAYMENT	66 67	37.26	26.93

TERM AND ANNUAL PERCENTAGE RATE	12 mo/8 5%	24 mo/17 5%	36 mo/17 5%
WAIVER	NO	4 mo max	4 mo max
CASH PRICE	$1000	$1000	$1000
DOWN PAYMENT/TRADE IN	200 (20%)	250 (25%)	250 (25%)
AMOUNT FINANCED	800	750	750
FINANCE CHARGE	37 31	144 29	219 35
DEFERRED PAYMENT PRICE	1037.31	1144 29	1219 35
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Banner, Driver win

(Continued from Page A30)

Coleman of Houston, Texas, as Poll-ette of the Year. The National Polled Hereford Queen title went to Kim Shanks, Mocksville, N.C.

During the annual awards banquet, seven individuals were honored for their contributions to the Polled Hereford breed and the beef cattle industry. Jerry Gay and his father, the late Hubert Gay, of Gay Hills Farm, Horn Lake, Miss., were inducted to the Polled Hereford Hall of Fame. Joining them in this coveted honor was the late M.E. Fry of Cisco, Texas. The Hall of Merit honorees were the late Jerry Litton of Chillicothe, Mo., for his contributions to the field of public affairs; Dr. A.D. "Dad" Weber of Kansas State University, Manhattan, education and research; Herman Purdy, Alexandria Pa., youth work; and Don Ornduff, retired editor of the American Hereford Journal, communications.

Other class winners in the 60th National Polled Hereford Show were:

Class 1, Heifers calved March 23-May 7, 1982—Palaschuk Farms on WP Miss Charger 74P, by Dandi Masterchg 107H 9M.

Class 4, Heifers calved Jan. 1-Jan. 30, 1982—Beartooth on BT Li Dominette 403P, by Transformer 307K.

Class 5, Heifers calved Nov. 8-Dec. 30, 1981—Wooden Shoe Farms, Othello, Wash.; Wasser and Winters Co. Inc., Toldeo, Wash.; and Applegate Valley Ranch, Grants Pass, Ore., on WSF Miss Nextstep 1 500N, by BT PRL Driver 536L.

Class 8, Heifers calved April 1-May 13, 1981—Harris Polled Herefords, Lodi, Calif., on HH Glory Be, by JRM Framework 821.

Class 18, Bulls calved April 1-May 8, 1982 — Botkin Polled Herefords, Lexington, Ky., on Botkins Victor 107H 945, sired by Enforcer 107H.

Class 19, Bulls calved March 10-March 29, 1982—Wasser and Winters and Wooden Shoe on WW 11M Lucky Charme 63P, by PRL 425E Anchor 730K.

Class 21, Bulls calved Jan. 2-Jan. 28, 1982—Split Butte and Mark Beasley, Hawley, Texas, on Drive Line 2P, by BT PRL Driver 536L.

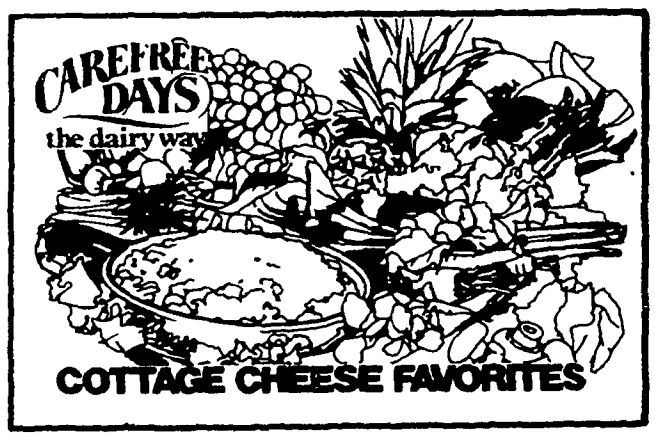
Class 22, Bulls calved Nov. 4-Dec. 15, 1981—Botkin Victor 107H 924, by Enforcer 107H.

Class 24, Bulls calved May 18-July 18, 1981—Beartooth; Sioux Nation Inc., Killdeer, N.D.; Kopper Penny Ranch Inc., Cooper, Texas; and W-2 Farms, Arlington, Texas, on Beartooth Breakthrough, by BT PRL Driver 536L.

Class 27, Bulls calved Jan. 2-Feb. 16, 1981—Gold Bar Livestock, Ariss, Ont., and Gold-Bar USA Ltd., Wilmington, Del., on Gold-Bar Godfather 119N, by Enforcer 107H.

Class 28, Bulls calved Sept. 5-Nov. 8, 1980—NS Polled Herefords, Portland, Ind., on NS Victor Enforcer 78N, by Enforcer 107H.

Class 30, Bulls calved Jan. 2—April 9, 1980—Roanoke River Branch, Jackson, N.C., and Pine Acre Farm, Mershon, Ga., on RRR J V Banner 2318, by WSF PRL Justa Banner.



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11736	4610 Ford All Purpose
11690	4610 Ford 8x4 Trans.
08867	5600 Ford 16 Speed
11752	7610 Ford All Purpose
11701	7610 Ford All Purpose Dual
11133	7700 Ford Flat Deck
12156	TW20 Ford 135 HP
09929	B7100 DT Kubota 4 WD
09942	B6100 E Kubota
10036	B6100E Kubota
10687	B6100 E Kubota
10533	B7100 HSE Kubota
11337	B7100 HSD Kubota
11511	B7100 HSD Kubota
11530	B7100 HSD Kubota
11534	B7100 HSD Kubota
11535	B7100 HSD Kubota
11544	B6100 HSD Kubota
11564	B8200 E Kubota
11565	B8200 E Kubota

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11437	Ford 901 SOS 42 HP
11522	Ford 2000 D 32 HP
12022	Ford 8000 Dual Power 105 HP
11436	Ford 601 D 35 HP
09136	Ford 901 D 42 HP
11948	Ford 4000 SOS Gas 45 HP
12002	Ford NAA w/Mower
09910	Farmall A
11971	Allis Chalmer w/Cult.
10727	Farmall Super C
11500	Massey 1100-D 92 HP
11505	Massey 178-D
11502	Allis Chalmer 190XT 90 HP
11801	Farmall H
12043	International 140
12020	Massey 245-D
12129	International B414
10190	Satoh 27 HP 650
10727	Farmall Super C
10852	Massey Skid Loader
11500	Massey F. 1100D
11502	AC 190XT
11505	MF 178D
11801	Farmall H
11938	Case TLB
11971	AC Tractor
12004	L225 2WD Kubota
12011	B6100E Kubota
12020	MF 245 Diesel
12031	Kubota B7100 w/Loader
12064	Wheelhorse 8 H.P. w/Mower
12229	L185 Kubota 2WD w/Loader

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10222	Ford 501 7 Ft.
10225	Ford 501 7 Ft.
10227	Ford 501 7 Ft.
10226	Ford 501 7 Ft.
10223	Ford 501 7 Ft.
10224	Ford 501 7 Ft.

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8180	9' Cultipacker
9267	9' Set Disc Harrow
9734	Pull Type Disc Harrow
10837	10' Cultipacker
11951	7½' Double Cult.

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12079	Woods RB5 5 Ft.
12076	Woods RB5 5 Ft.
12078	Woods RB5 5 Ft.
12056	Woods RB5 5 Ft.
12057	Woods RB5 5 Ft.
10873	Woods RB5 5 Ft.
10872	Woods RB5 5 Ft.
11751	Woods RB800 8 Ft.
11750	Woods RB7 7 Ft.
11749	Woods RB7 7 Ft.
11765	Leinbach LM5 5 Ft.
11766	Leinbach LM5 5 Ft.
11769	Leinbach LBR7 7 Ft.
11763	Leinbach LM5 5 Ft.
11762	Leinbach LM3 3 Ft.
11764	Leinbach LM5 5 Ft.
12089	Leinbach LM6 (Used) 6 Ft.
10453	ARPS AB250
11734	ARPS AB350
9490	ARPS 7' Blade
10060	ARPS M126 7' Blade

Stock No.	
11814	B6100 DT Kubota
11819	B8200 E Kubota
11820	B8200 E Kubota
11853	B8200 DT Kubota
11861	B8200 DT Kubota
11862	B8200 DT Kubota
11876	B7100 DT Kubota
11888	B7100 DT Kubota
11890	B6100 DT Kubota
11891	B6100 DT Kubota
11892	B6100 DT Kubota
11978	B6100 DT Kubota
11994	B6100 HSE Kubota
11995	B6100 HSE Kubota
12084	B6100 HSE Kubota
12085	B8200 DT Kubota
12086	B8200 DT Kubota
12087	B7100 DT Kubota
12088	B7100 DT Kubota
12091	B7100 DT Kubota
12092	B7100 DT Kubota
12174	B5100 DT Kubota
12175	B5100 DT Kubota
12192	B6100 DT Kubota
12191	B6100 HSE Kubota
12187	B6100 HSD Kubota
12188	B6100 HSD Kubota

USED EQUIP. MISC.

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7218	Sauder D Loader
8275	Sauder
6032	Sauder For 5000
10180	Sauder For Ford
11008	Sauder
11558	Sauder FHV w/Bucket
11556	Sauder D-2
11111	Ford CL40
10842	ST 84 Snow Blade
11717	ST 90 Snow Blade
11692	Cordwood Saw Pulley Type
7965	Ontario Drill
11588	Conditioner
5526	Conditioner Ford
11950	Roller 7'
3831	Ford 601 Mounted 2 Row Picker
10770	JD 3 Pt. Tiller 60"
12017	Rotavator 99 Roto Hoe
7451	Running Gear (Blue)
4458	Ford 601 Pull Type Picker
9665	Ford 311 4 Row Corn Planter
9768	IH 2 Row Planter 3 Pt.
12252	JD 205 Mower 3 Pt.
12304	Curtis Cab (For Kubota)

NEW PLOWS

Stock No.	
02731	101 Ford 3 Bottom 14"
06908	101 Ford 3 Bottom, 14"
09069	101 Ford 3 Bottom, 14"
06901	101 Ford 3 Bottom, 14"
08237	101 Ford 3 Bottom, 14"
08235	101 Ford 3 Bottom, 14"
06903	101 Ford 3 Bottom, 14"
07828	Ford 2 Bottom
07824	Ford 2 Bottom
11924	Leinbach 14" 2 Bottom, 82-14
11923	Leinbach 14" 2 Bottom 82-14
11927	Leinbach 1 Bottom, #81
11925	Leinbach 1 Bottom, #81
11926	Leinbach 1 Bottom, #81
11295	Leinbach 1 Bottom, 16", #20-C
10803	Leinbach 1 Bottom, 12", #M19-12
09536	151 Ford Auto Reset Plow
10569	Leinbach 1 Bot. 12'

USED PLOWS

Stock No.	
8130	Ford 3 Pt. 2 Way Single
8756	Ford 118 - 4-16"
8813	Ford 130 - 4-14" 3 Pt. Hitch
6051	Ford 130 4-16"
9668	Ford 118 4-14"
10357	JD 3-14"
11710	2 Bot. Trailer Plow
9132	Oliver 4 Bot. 16"
9838	Ford 101 4-14"
8130	Ford 3 Pt. 1 Bottom
11816	BN Plow
8132	Oliver 4 Bot. 16"
10639	2 Bot. Trailer Plow

DISCS & CULT.

Stock No.	
10490	Ford 240 Disc (New)

Stock No.	
12190	B7100 HSE Kubota
12181	B7100 HSE Kubota
12186	B7100 HSE Kubota
12180	B7100 DT Kubota
12185	B7100 HSD Kubota
12182	B7100 HSD Kubota
12189	B8200 DT Kubota
9591	L285 F Kubota
10014	L185 T Kubota
10701	L185 T Kubota
10739	L245 Kubota
10740	L245 Kubota
10743	L245 Kubota
11036	L305 DT Kubota
11477	L275 DT Kubota
11647	L345 DT Kubota
11695	L345 DT Kubota
11865	L335 DT Kubota
11979	L345 F Kubota
12184	L235 F Kubota
12177	L235 F Kubota
12176	L275 F Kubota
11694	M7500 DT Kubota
12066	M4050 DT Kubota
06001	B5100 E Kubota
06002	L245 DT Kubota
06060	M4500 DT Kubota
06058	M7500 DT Kubota

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6382	6' Ford Belly Mower
6929	6' Ford Belly Mower
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7570	RC1 3 Pt. Rear Crane
7571	RC1 3 Pt. Rear Crane
7572	RC1 3 Pt. Rear Crane
7744	McCurdy Auger Grain Elev.
7883	Freeman Dirt Plate
8141	Boom Pole
8142	Boom Pole
8148	Boom Pole
8149	Boom Pole
8253	Midwest 5'11" Lift Harrow
06028	Dunham Fork Tooth Kit
9205	Dunham 66" Comb Bucket
9229	Mott Mower
9690	Danuser Auger 18"
9756	Hanson 3 pt. 24 Gal. Sprayer
9757	Hanson 5' Boom
10098	Ber Vac 60" 3 Pt. Blower
10234	Ber Vac 48" Rear 3 Pt. Snow Blower
10235	Ber Vac 48" Rear 3 Pt. Snow Blower
10313	Dynco 6' Manual Angling Blade
10366	Danuser Log Splitter
10368	Electric Wheel Wagon
10369	Electric Wheel Wagon
10573	Leinbach Gyro Seeder Spreader
10793	Dunham Lehr Loader 64 100D
10794	Dunham 60" Material Bucket
11237	Dunham 48" Fork Lift
11229	Dunham Lehr Loader 30100
11247	Cain 9 Shank Tiller
11294	Leinbach Subsoiler
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11504	MGS Trailer 50122
11523	Kelley Backhoe
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11949	Landall 5 Tooth Chisel Plow
11975	22 Gal. Sprayer
11976	22 Gal. Sprayer
11977	50 Gal. Sprayer
12007	3 Pt. Chipper
12032	Kelley 6'6" Backhoe
12033	Dunham Lehr Loader
12034	Dunham Lehr Loader
12035	Dunham Lehr Loader
12037	Dunham Lehr Loader
12040	Dunham 66" Bucket
12041	Dunham 66" Bucket
12127	Cann's 18 Cu. Ft. Cart
12161	3 Pt. Sprayer
12167	Potato Plow
12168	Potato Plow
11846	Woods L59 Mower

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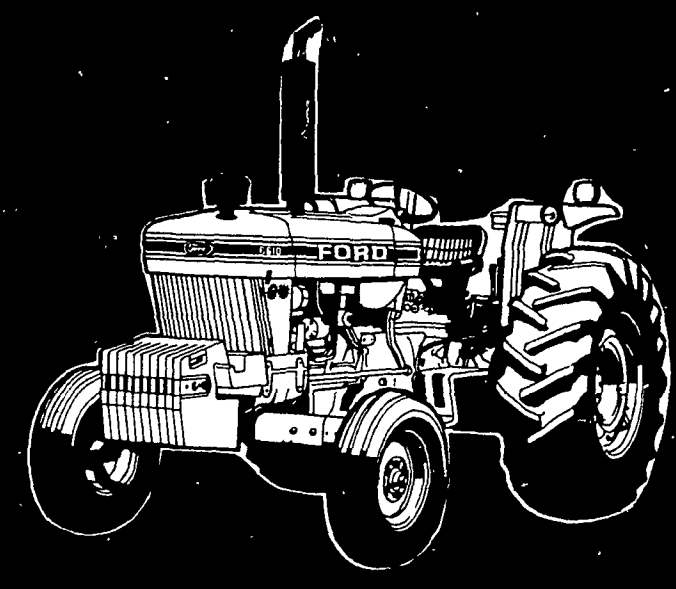

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For 2nd consecutive year

Richlawn Farms tops York DHIA

BY JOYCE BUPP
Staff Correspondent

YORK — Smyser's Richlawn Farms was the big winner Tuesday evening as York County dairy producers recognized top herd and individual production accomplishments at the annual DHIA meeting, hosted at Avalong Farms Restaurant.

The Smyser family's 1982 rolling herd average topped the York DHIA listings in both milk and butterfat output, with lactation averages of 21,908 milk and 785 fat on a 67-head herd of registered Holsteins. Included in the Smyser operation at East Berlin Road, York, are Richard Smyser and his sons Robert and Rodney. Richlawn Farms' win was a repeat from last year, when they also headed the county production listing.

High 305-day lactation winner came as no surprise, going to Northcroft Ella Elevation, owned by the George Knight family of Airville. Ella's 305-day credits totaled 44,024 milk, with 1,906 pounds of butterfat. The Knight family copped a second honor, with a herd fat production improvement of 103 pounds to finish with 19,314 milk, 713 fat, on 90 head.

Lifetime awards split between two herds, Stewartridge and Sinking Springs. Jordan-view Star Dust took high lifetime milk recognition for David Stewart's Stewartridge Farm, Delta, with lactations totaling 221,943 pounds.

Sinking Springs Meg Carol totaled butterfat production of 9,142 pounds to earn a lifetime fat honor for Sinking Springs Farms of York.

Honors for the highest herd average improvement between 400 and 500 pounds fat went to Ralph Innerst's R & M Farms at R3 York.

Eight other county herds earned ribbons for boosting rolling herd averages over 50 pounds of fat over the past year. In the over-500 fat level, those winners were Lynn Wolf, Abbottstown, with a 86-pound fat increase; Ellis Crowl, R2 Airville, for a 76-pound increase; Horace Heindel, R9, York 75-pound increase; Ray Doll's Walnut Hill Farm, Spring Grove, a 69-pound increase; Rick Cook, R1 Wellsville, 69-pound increase; Palmer McWilliams, Jr., R2 Seven Valleys, 62-pound increase, and Jeff Wolgemuth, the J.E. Baker Co. farm, York, a 55-pound increase.

In the 400 to 500-pound category, the J.E. Baker Co. farm managed by LeRoy Hertzler showed a 58-pound increase.

Youth awards went to two members of the Junior Holstein club for outstanding lactations on project animals.

Lesley King R2, Delta, won the 2-year-old category with a heifer record of 19,106 milk, 3.4 percent 650 fat.

Chris Wolf of Abbottstown took the honors in three other classes. One of her 3-year-old's records of 23,838, 3.0 percent, 711 fat topped other contendors in the milk category, and Chris's second 3-year-old animal's lactation of 23,172, 3.6 percent, 828 fat earned her a win in the fat category for the age classification. A third entry in the 5-year-old class of 22,916, 4.0 percent 928, won the production honors in that division.

Three new directors won seats on the county's board of directors, each to serve a three-year term. They are Dan Hushon, R3 Delta, Phil Laughman, R2 Thomasville, and Bob Reheard, R2 Airville.

According to the brief DHIA overview presented by president Marty Grey, 549 more cows were tested in 1982, with a total of 7,280 on test across the county. Average production was 15,135 milk, an increase of 300 pounds over the previous year, while fat climbed three pounds to a 553-pound level.

Several rule changes are scheduled to go into effect Jan. 1, including a visible indentify requirements on each cow tested in the state's DHIA program. Also new is a requirement that embryo transplant individuals as well as recipients must be stested along with other animals in a herd.

Cows suffering sickness, but fresh at least a week, will be tested with no exceptions. However, at the second test a computation backwards will be made to give credit for the first test at time of illness.

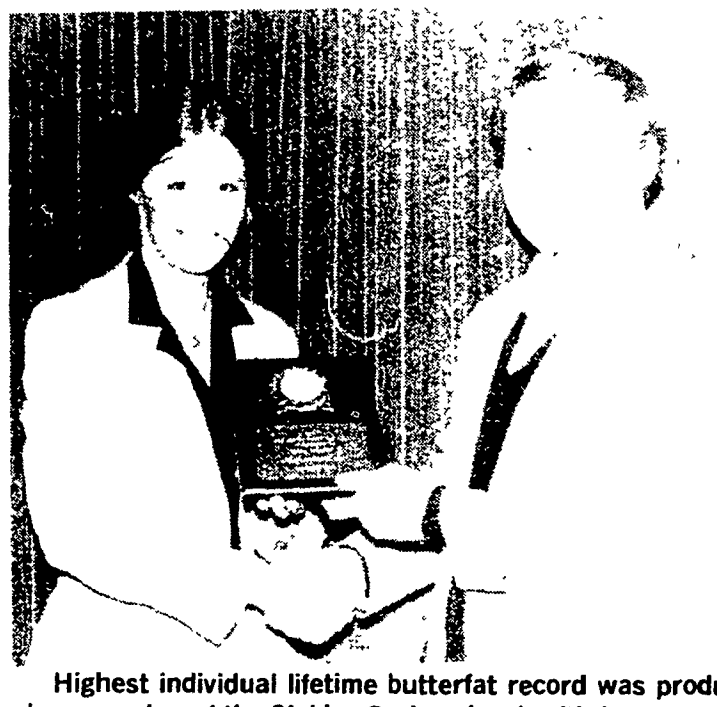
Refusal to test will now be considered a violation of the national DHIA rules. However, a test supervisor may be contacted 10 to 15 days before herd centering date, and notified of certain dates near the centering day that pose test conflicts.

While thyroidal derivatives are now approved for use under DHIA rules, no muscular injection of any type, including oxytocin, or let-down hormones, may be given any animal immediately prior to testing.

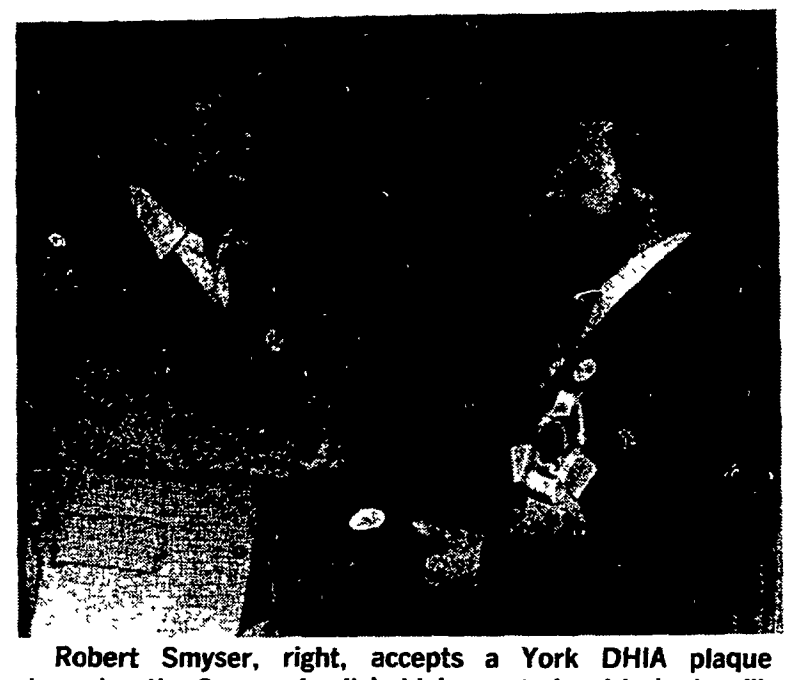
In order for York County DHIA participants to improve herd management using their test results, a Feb. 10, 1983, workshop is scheduled. Details will be sent to York DHIA program participants as that date approaches.

Junior Holstein members Chris Wolf, left, and Lesley King were winners in the junior milk and fat contest, accepting their Holstein-plate awards during the DHIA recognition program.

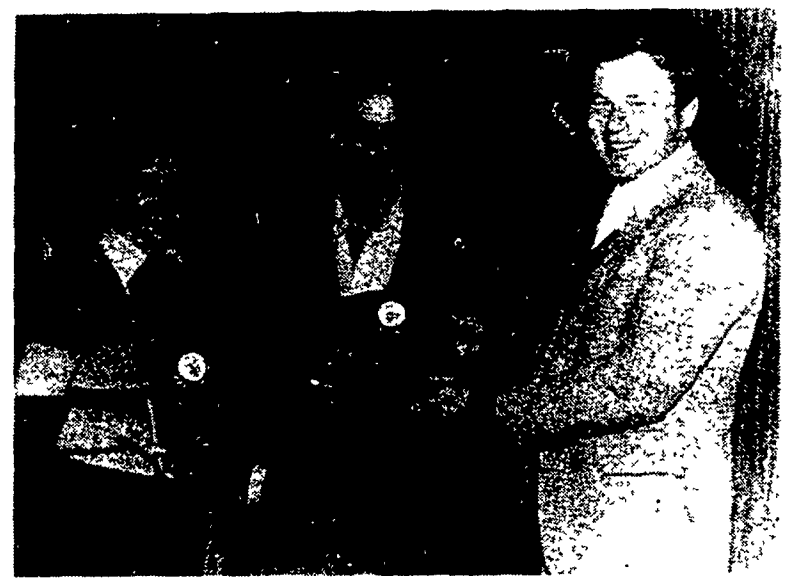
Ralph Innerst, left, boosted butterfat production on his R & M farms by 67 pounds, to win honors in the 400-500 fat category. DHIA president Marty Grey offers congratulations.



Highest individual lifetime butterfat record was produced by a member of the Sinking Springs herd, with farm manager Marty Grey accepting the award from York dairy agent Shannon Neuman.



Robert Smyser, right, accepts a York DHIA plaque honoring the Smyser family's high county herd in both milk and butterfat production. Making the presentation was DHIA president Marty Grey.



Noami and George Knight, III, accept two honors for the Woodbine herd. High lactation honors went to the family's Northcroft Ella Elevation, and the Knights earned a second award for their 103 pound butterfat increase.

Holstein brings record $1 million

(Continued from Page A1)

Queen Manor farm, scored Very Good 88. According to Doeberiener, Eve is "better than her mother as far as production goes." Her records, at age 3 years and 8 months, show 33,565 pounds of milk, with 1,275 pounds of butterfat in 329 days for twice-a-day milking.

Pearson, who was not available for phone interview, was described by Coyne as "very pleased" and a "little surprised," having hoped for at least $500,000 for Ivy. "But we never thought she'd sell that high," Coyne admitted.

Pearson, hoping to retire after this sale, lives with his wife Linda and two children on their 100-acre Greenleaf farm which he purchased in 1976 following a four-year partnership.

Cormier, Ivy's new owner, runs two operations and an export business in Georgetown, Ontario, owning 25 breeding cattle.

When Cormier first realized Ivy would be for sale, about 6 months ago, he said he became interested in buying her. "We hoped we would get her but we didn't think we'd have to spend quite that much." Cormier admitted hoping that the bidding would stop at the "800,000 mark" but that "there seemed to be a lot of people bidding for her."

He said his plans for Ivy include breeding her at least once to Paclamar Bootmaker and to use her for embryo transplant work.

The sale attracted more than 2,000 people from across the United States and Canada.

REAL

York judging team ranks 5th at nationals

YORK — The York County 4-H Meats Team represented Pennsylvania at the 1982 American Royal 4-H Meat Judging Contest Nov. 11-12 in Kansas City, Mo., with 19 states entered.

The Pa. team ranked fifth in the total contest with a score of 2050 out of a possible 2250. Alabama was first, Illinois was second, Virginia, third, and Florida was fourth.

Julie Myers, daughter of Mr. and Mrs. Dale Myers, Wellsville, was seventh with 697 points out of 750. Tim Flory, son of Mr. and Mrs. Donald Flory, Red Lion was eleventh. Julie also placed second in the meat identification with a score of 299 out of 300 points.

A 4-H member from Florida was first with a perfect score of 300. Tim was sixth, and Pa. placed fourth in identification as a team.

The team placed tenth in total judging of retail and carcass classes with a score of 1201 and Alabama was first with a score of 1266. Tim was tenth with a score of 411 out of a possible 450 and Julie Myers was 12th with a score of 401.

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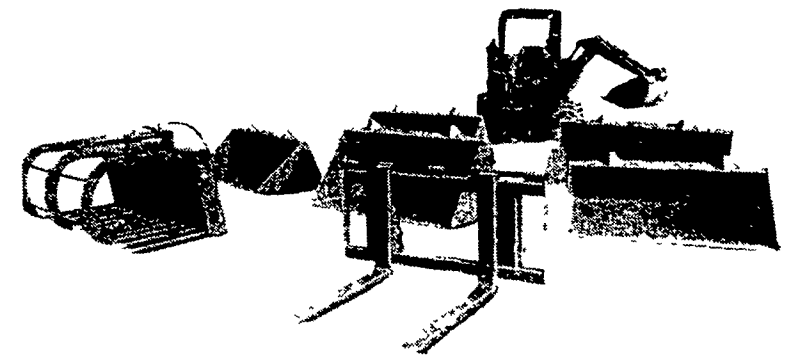

Model 1835 Uni-Loader (shown above) — Offers choice of reliable Case water-cooled engines: 32 hp (23.9 kW) gasoline or 34 hp (25.4 kW) diesel. Low profile — fits through 7' (2 134 mm) doorway. Overall width just 54" (1 372mm). Lifts 1200 lbs. (544 kg) to 9'2" (2 794 mm) for easy truck or bin loading. Separate oil reservoirs and dual filtration protect hydraulic system from final drive contaminants. Variable speed, forward and reverse, to 6.1 mph (9.8 km/h).

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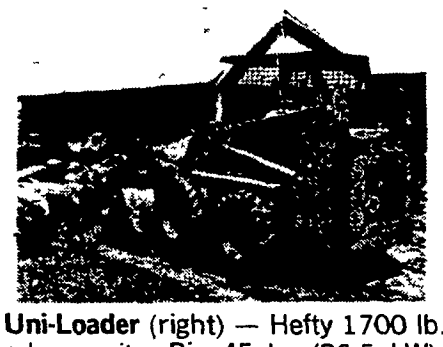

1845 Uni-Loader (right) — Hefty 1700 lb. (771 kg) load capacity. Big 45 hp (36.5 kW) Case water-cooled diesel or gasoline engine. Self-leveling loader, 9'9" (2 972 mm) lift height. 3 separate oil reservoirs plus dual 10-micron filters protect against contaminants. Variable speed, forward and reverse, to 6.2 mph (10.0 km/h).

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Da Gina Holsteins top Montgomery DHIA

KULPSVILLE — In it's 57th year, the Montgomery County DHIA finished 1982 with 61 full year herds.

Last week, the Association gathered at the Christopher Dock School in Kulpsville to honor its top producers.

DHIA vice president David Longacre of Da Gina Holsteins, Hereford finished at the top of the list with 19,359 pounds of milk and 715 of fat on 91 cows.

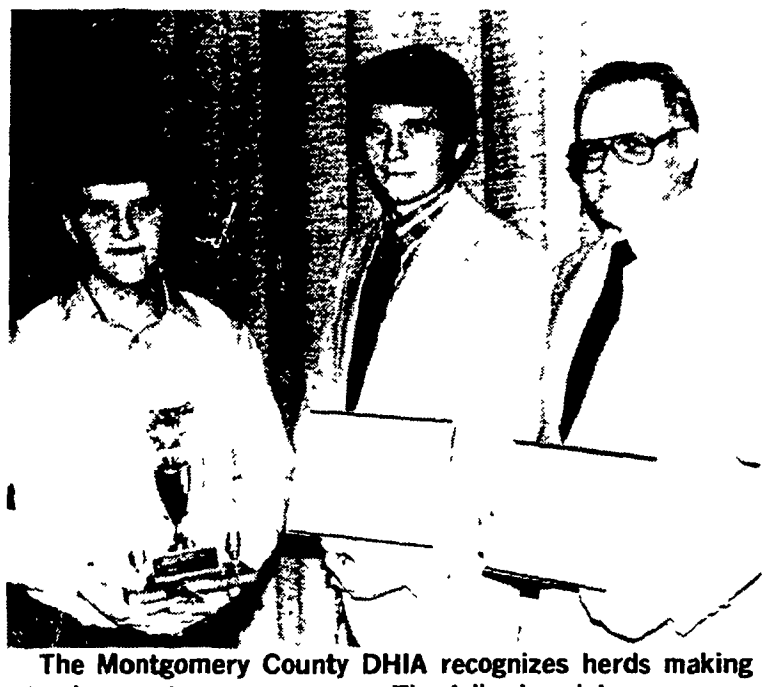
George Seneko, Jr. of Harleysville turned in the second high record of 20,259 pounds of milk and 707 of fat on 71 Holsteins.

Obelisk dairyman Merrill Mest averaged 703 pounds of fat, 17,119 of milk on 38 Holsteins.

Alvin Delp, Souderton, George Bisbort, Bally, and Daniel Kolb, Spring City were honored for their efforts in greatest increase of butterfat.

The county's 4,165 cows on test finished with an average of 14,872 pounds of milk and 561 of butterfat, an increase of 500 pounds of milk and 5 pounds of butterfat from last year.

Executive members of the Association include: president, Richard Bechtel; vice president, David Longacre; secretary-treasurer, Danield Alderfer; directors, Harold Keener, David Longacre, Robert Wolfgang, Dan Alderfer, Vernon Seipt, Laverne Moser, Richard Bechtel, Charles Rhoads and Gordon Moser; supervisors, James Benfield, Joe Evans and Karen Halteman.



The Montgomery County DHIA recognizes herds making steady year to year progress. The following dairymen were honored for their increase in butterfat. From left to right the group includes: Durrell Delp, Souderton, 681 pounds; George Bisbort, Bally, 690 pounds; and Daniel Kolb, Spring City, 613 pounds.

Awards for the three top herds in Montgomery County went to, from l to r: David Longacre, Hereford, 19,359 pounds of milk, 715 of fat; George Seneko, Harleysville, 20,259 pounds of milk, 707 of fat; and Merrill Mest, represented by son Troy, Obelisk, 17,119 pounds of milk, 703 of fat.

American Royal tags Shorthorn

KANSAS CITY, Mo. — Honey Dew Big Red, a two-year-old son of WO Dividend 3J, was named Grand Champion Shorthorn bull at the 1982 American Royal in Kansas City, Mo. Owned by the Jerry Taylor Family, Prairie City, Il. and Martin Bros., Hardyville, Ky., this bull exhibits frame, depth of body and tremendous thickness. He had earlier been named the Senior Champion bull.

Reserve Grand Champion bull was Deer Trail Goliath, previously named the Junior Champion bull. This April '81 son of Guinness is owned by Gene Lindsey, Manhattan, Ks, and Ed Grathwohl, Powhattan, Ks.

In the female show, Mill Brook Shorthorns, Rob Johnson, Fredericktown, Oh., showed Mill Brook Hope 81 to the Junior and Grand Championship.

Reserve Grand Champion and Reserve Junior Champion female was AF Miss Springfield; a February '81 daughter of Dividend owned by Alden Farms, Hamilton, Mo.

Other champions included: Reserve Senior Champion bull-JSF Shorthorns, Leon, Ia., and McKee Family Shorthorns, Indianola, Ia., on JSF Beau Jangles; Reserve Junior Champion bull-Mill Brook Shorthorns, R. Lee Johnson, on Mill Brook Printerios Calf Champion bull-Gary and Pam Naylor, Buffalo, Mo., on GPN Trapper; Reserve Calf Champion bull-Bill Martin and Family, Frankford, Mo., on CoMar WD Matchless 211; Calf Champion female—John Paul Bedwell, Okeene, Ok., on JB Donna's Bunny; Reserve Calf Champion female-Blue Chip Polled Shorthorns, Elkhart, Il., on Blue Chip HI Butterfly x.

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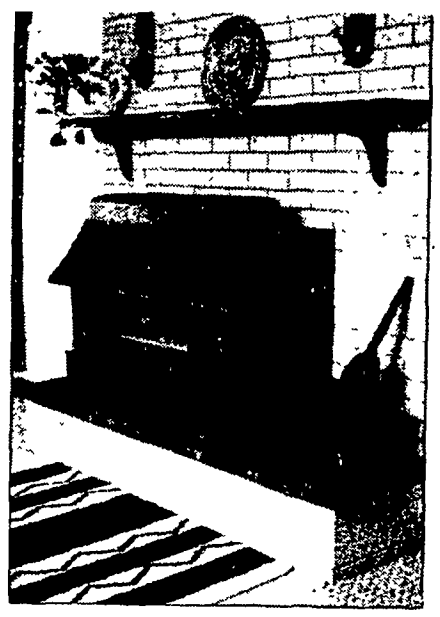

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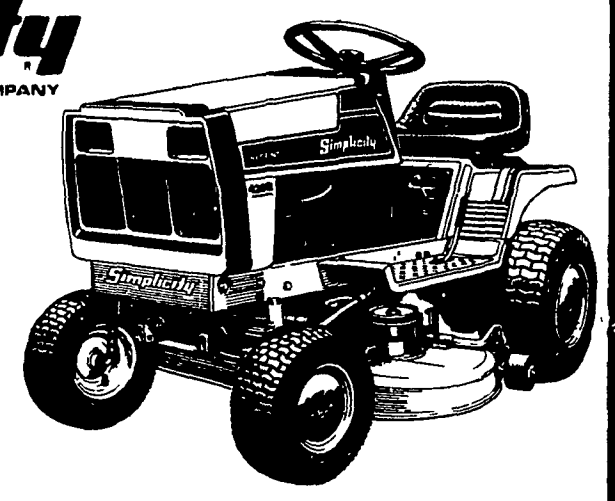

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Farmer co-op business hits annual high of $71.5 billion

WASHINGTON, D.C. — Business volume of farmer cooperatives in this country reached a record high of $71.5 billion in 1981, 8 percent above 1980, a U.S. Department of Agriculture official has announced.

Randall E. Torgerson, administrator of USDA's Agricultural Cooperative Service, attributed the rise in business volume primarily to larger quantities of farm products marketed by cooperatives. Average prices received by farmers for most commodities were down in 1981.

Other highlights on cooperatives for the year:

— Equity of members and patrons reached $10.9 billion, also a new high.

— Total assets of $26.3 billion and net margins of $1.4 billion were down from the previous year.

— The number of cooperatives and cooperative memberships continued a long downward trend.

Total cooperative business volume includes marketing (the value of products sold), farm supplies (sales of fertilizer, chemicals, fuels, feed and other supplies to members and patrons), and receipts from related services such as trucking, storage, ginning and drying.

Torgerson said the drop in number of cooperatives — from 6,293 to 6,211 — was the result of cooperatives reorganizing — mergers, consolidations, acquisitions — and going out of business.

Memberships totaled 5.3 million, down from 5.4 million for the previous year. "This drop of less than 1 percent partly reflects the continuing reduction in the number of farms and partly a continuing trend in mergers and consolidations," Torgerson said. Some farmers belong to more than one cooperative.

Memberships per association averaged 860 in 1981, compared with 855 for 1980.

Marketing volume, at $53.3 billion, was up 8.9 percent from the $48.9 billion in 1980.

Grain, the leading farm product, increased to $19.8 billion, up 11.2 percent. However, marketing for two other products made bigger gains, with rice up 25.4 percent and tobacco up 23.8 percent.

Farm supply volume of $17.1 billion, up 5.7 percent from $16.1 billion in 1980, increased mainly from higher values for petroleum, the leading farm supply, and fertilizer.

Business volume of petroleum products went up 11.4 percent, to $5.6 billion; and fertilizer rose 6.4 percent, to $3.7 billion. Farm chemicals was the largest farm supply gainer, up 21.7 percent.

Value of other services related to farm business remained at $1.2 billions.

More cooperatives were headquartered in Minnesota and North Dakota than in any other state, with 722 and 422 respectively.

States with the largest number of cooperative memberships were Minnesota, 525,709, and Wisconsin, 349,071. Iowa accounted for the largest business volume handled by cooperatives with nearly $7.5 billion. California was second with more than $5.9 billion.

Farmer cooperative assets, eliminating intercooperative investments, totaled $26.3 billion, a 2.5 percent drop from the $26.9 billion in 1980.

Total liabilities dropped from $18.8 billion in 1980 to $17.9 billion, a decrease of 4.8 percent.

Net worth, or member and patron equity, increased 3.1 percent, from $10.6 billion to $10.9 billion.

Member and patron equity financed 37.9 percent of total assets in 1981, up from 36 percent in 1980. The increased share of member and patron equity financing total assets appears to result from reductions in current assets, principally inventories and accounts receivable, reductions in current liabilities, and an actual increase in member and patron equity.

Cooperatives' net margins were more than $1.4 billion, a 25.9 percent drop from the $1.9 billion in 1980. The $1.4 billion included intercooperative dividends and refunds of $558 million. This was a 3.1 percent increase, compared with the 1980 intercooperative dividends and refunds of $541 million.

"Information was collected on the number of full-time employees of cooperatives for the first time since 1957," Torgerson said.

Farmer cooperatives employed 204,000 full-time employees, compared with 141,000 in 1957. Farm supply cooperatives accounted for 80,000 employees. Full-time employees in marketing cooperatives totaled 122,000. By commodity, dairy cooperatives had 39,000 full-time employees, while grain cooperatives accounted for 33,000.

USDA okays price support loans on grain substitutes

WASHINGTON, D.C. — Farmers who participate in the government's acreage reduction program will be able to take out government price support loans on grain and soybeans substituted for crops produced on their farms, a high ranking U.S. Department of Agriculture official announced last week.

Previously, only grain physically grown on a producer's farm was eligible for price support.

Everett Rank, administrator of USDA's Agricultural Stabilization and Conservation Service, said the change was made to allow farmers who participate in acreage reduction programs to take advantage of government price supports without having to transport their grain to areas where grain elevators will accept the grain for storage.

Rank said the change will permit eligible producers to feed or sell grain produced on their farms and place under loan an equivalent quantity of acquired grain stored in an approved warehouse.

Commodities that may be substituted include wheat, feed grains, rice and soybeans.

Rank also announced that:

—Loans will be based on the rate applicable for the county where the loan grain is stored.

—Producers must obtain approval to place under loan any grain which they acquire before an equivalent they produced is sold or otherwise disposed of.

—Warehouse receipts covering the acquired grain must be submitted to the county Agriculture Stabilization and Conservation Service office as security for the loan within 15 dys after the producer's grain is sold or traded.

Rank said, "The farmer-elected county Agricultural Stabilization and Conservation committee has the responsibility to protect the interest of both the producer and CCC in approving the substitution of grain for loan purposes. Producers who wish to take advantage of this change should contact their county Agricultural Stabilization and Conservation Service office."

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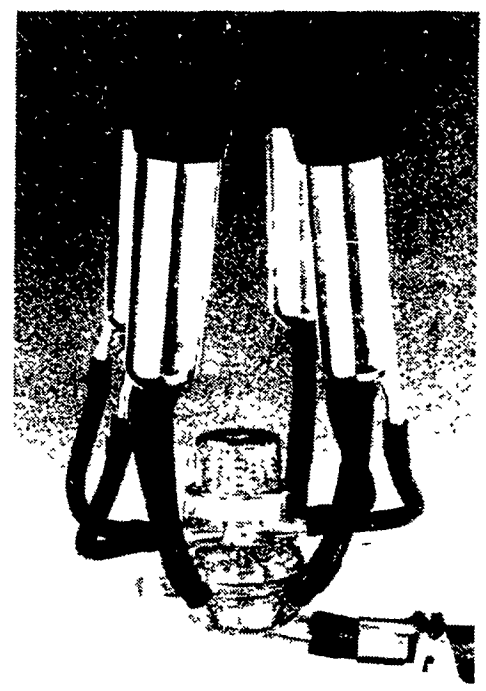

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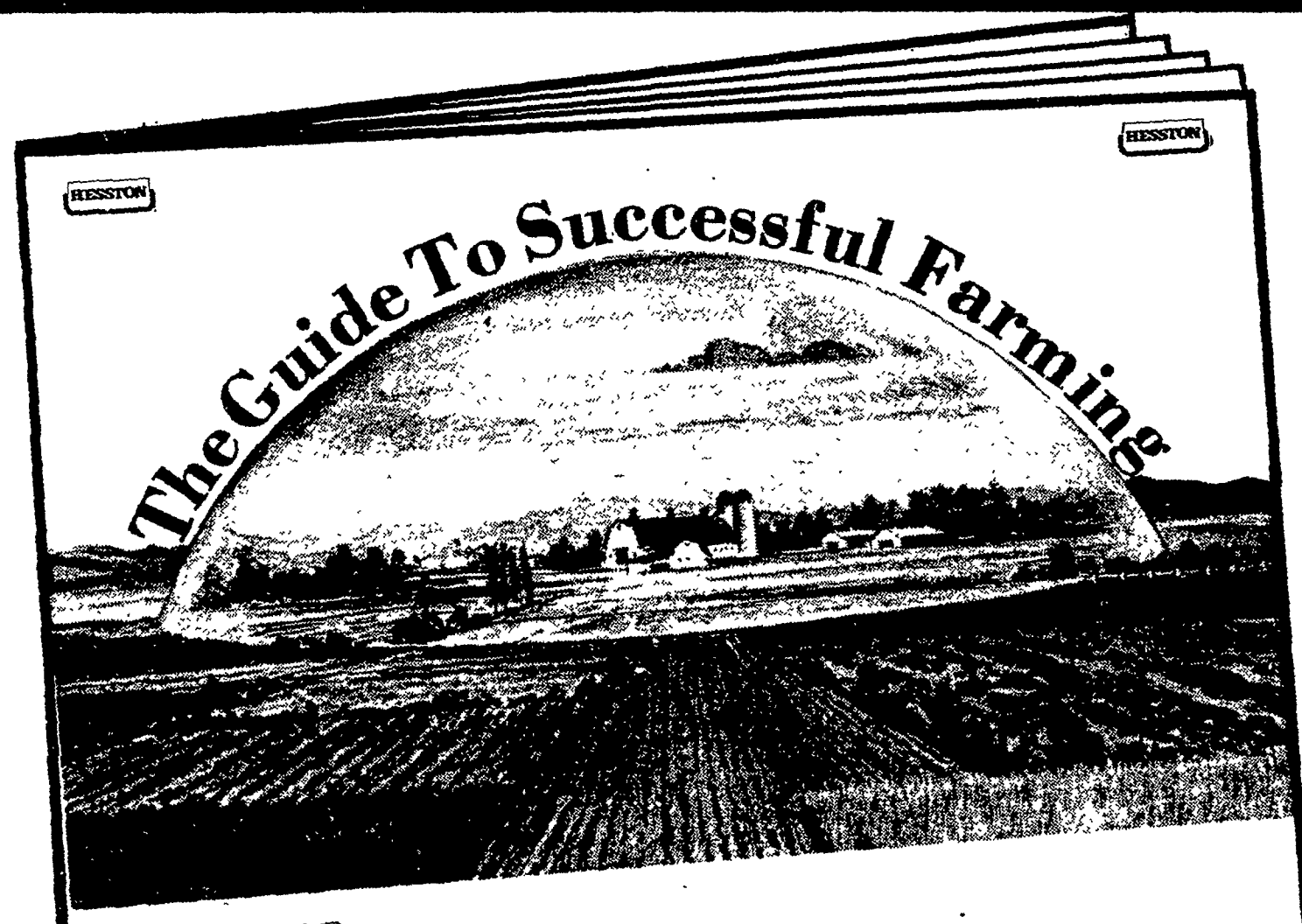

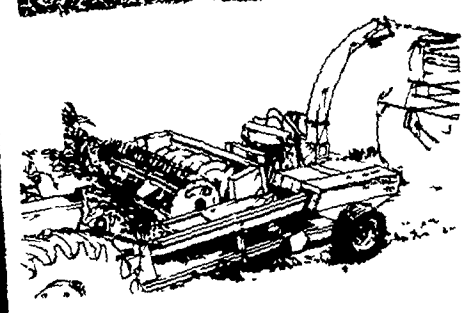

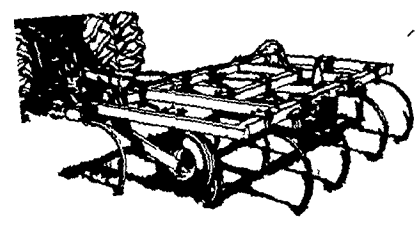

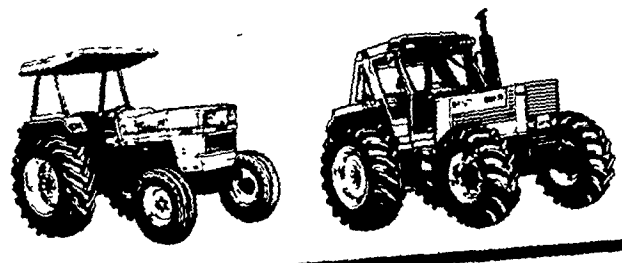

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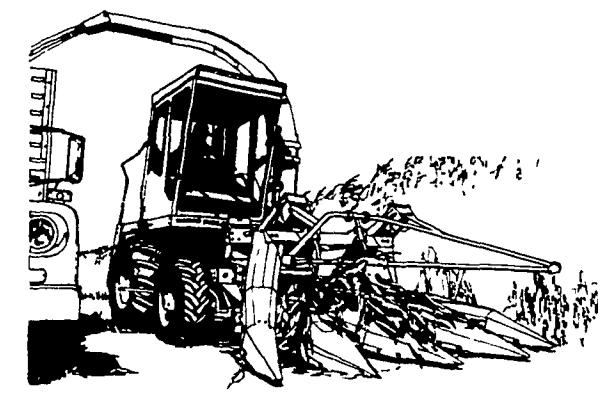

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Ag arena funds reach $600,000

UNIVERSITY PARK — Penn State's Milford Heddleson, coordinator of environmental quality affairs and co-chairman of the Ag Arena fundraising campaign, announced recently that $600,000 of the $900,000 construction fund goal has been reached through generous contributions from farmers and agricultural friends.

Working plans for the new Ag Arena will be submitted to the University's Board of Trustees at their January meeting, it was announced. And ground-breaking ceremonies are planned for April 1983.

An updated listing of individuals and organizations who have contributed to the Ag Arena follows:

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(Turn to Page A42)

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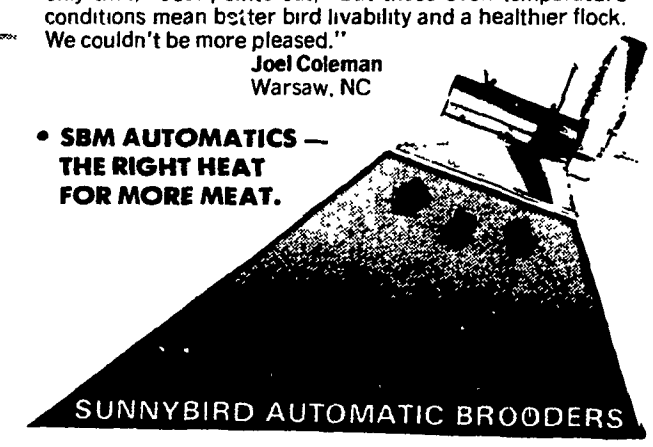

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USDA searches Central N.J. for foreign fly

WASHINGTON, D.C. — U.S. Department of Agriculture veterinarians and entomologists are searching central New Jersey for a foreign fly which can carry a cattle parasite that destroys the most valuable meat in beef cattle.

Military and state personnel are helping USDA in the survey, according to D. David Wilson of USDA's Animal and Plant Health Inspection Service.

"The foreign fly — Musca vitripennis — can carry a parasite that is not known to exist in this country," Wilson said. "If the parasite — Parafilaria bovicola — were to gain entry, it could be spread by the face fly, which is common in the United States.

"The worm parasite was accidentally introduced into Sweden a few years ago," Wilson said. "There it is causing increasing losses every year in cattle slaughtered for meat.

"The worm can usually be found under the skin of the loin area," Wilson said. "This means that about 15 pounds of the most valuable meat in an infested carcass must be trimmed, as it is unfit for human consumption."

Wilson said one of the foreign flies that carries the parasitic worm was found at McGuire Air Force Base on July 27 during a routine pest control inspection by a USDA entomologist.

Once the fly had been identified — it looks like a common house fly with hairy eyes — USDA conducted a survey of the air base and nearby cattle farms. Of the 70,000 flies caught, none were the foreign pest. However, USDA inspectors found a second male fly at the air base a short time later.

"Thus far," Wilson said, "there is no indication that the foreign fly has established itself in the United States or that those found were infected with the parasite. We're planning a second survey for the spring of 1983 to make sure."

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NCFC urges Block to use ex. order on marketing orders

WASHINGTON, D.C. — The National Council of Farmer Cooperatives urged Agriculture Secretary John Block last week to utilize a 32-year-old Executive Order in administering agricultural marketing orders.

In a letter to Block, NCFC President Gary D. Myers referred to Executive Order No. 10199, 15 F. R. 9217, dated Dec. 21, 1950, in which President Harry S. Truman declared:

"I hereby authorize the Secretary of Agriculture to make, without the approval of the President, such regulations with the force and effect of law as may be necessary to carryout the powers vested in him by the Agricultural Marketing Agreement Act of 1937, as amended."

Myers added that as far as NCFC could determine, this Executive Order is still in effect. He suggested that Block refer the Office of Management and Budget to it, and said NCFC will do all it can to help Block overcome any effort to alter or ignore its clear directive.

OMB attempted to exercise excessive authority over marketing orders this year, after they were targeted for official attention by the Vice President's Task Force on Regulatory Reform. Later, some 20 members of congress asked Block to resist any Administration moves to redirect marketing order policy without congressional consultation.

Block and Assistant Secretary McMillan discussed the congressional request in a subsequent meeting with the vice president. Bush said he felt USDA had discharged its obligation to the regulatory reform task force by adopting and publishing marketing order guidelines in early 1982.

Thereafter, Block reaffirmed the Administration's support of marketing orders and reasserted USDA's authority over marketing order programs.

Myers said NCFC will continue to watch this area closely for signs of OMB slippage or interference.

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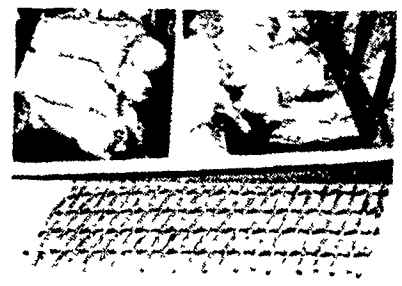

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(Turn to Page A46)

Public Sales Register

A public sale of household goods and antiques was held Nov. 20 by Fannie E. Smoker, 2 miles west of Gap on Mine Road, Lanc. co.

The real estate consisted of a 2-story brick house, garage, shop and a house trailer. It sold for $55,000.

Other prices were: extension table $250, lamp $27, oak clothes tree $40, 4 chairs $32 each, oak bed $55, bureau $85, Electrolux sweeper $310, cherry desk $800, blanket chests $210 & $650, china closet $225, chest of drawers $275, Ashley wood stove $325 and Amana refrigerator $220.

Auctioneer was Steve Petersheim.

xxx

A public sale of a 166-acre dairy farm was held Nov. 16 by Jane R. Arnold, 3 miles east of Yellow House along Fancy Hill Rd., Berks Co.

Parcel #1 included 90 acres with a 2½ story farm house, dairy barn with 40 tie stalls and box stalls and was sold for $162,000. The #2 parcel included 76 acres of open land with 66 tillable. It brought $143,000 for a total of $305,000 for the 166 acres.

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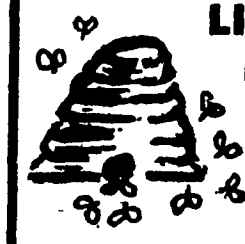

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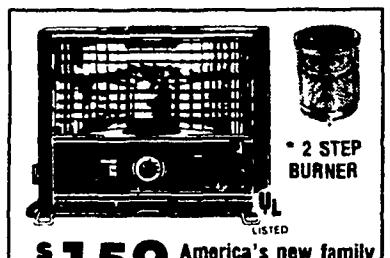

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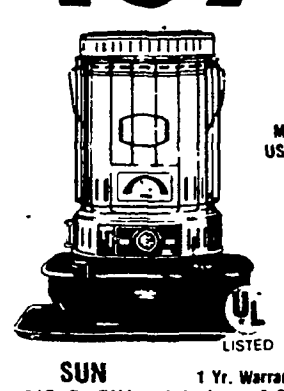

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Lancaster steer farmers measure feeding success

EAST EARL — Steer farmers face many management decisions while raising animals to market weight. Some of these management decisions undoubtedly deal with the type and amount of feed these steers consume, reports Albert Weber, student instructor of agriculture in the Eastern Lancaster County School District.

"Many of the steer farmers are somewhat unsure of the amount of feed that their steers are consuming, and, therefore, are unsure if their steers are getting the nturitional requirements of protein, TDN (energy), and DM (dry matter)," says Weber.

A research project was conducted in order to teach farmers how to measure the amounts of silage, grain and protein supplement fed to steers and derive the amounts of protein, TDN, and DM the steers are consuming. This would permit them to see if the steers are getting the required amounts of feed for a desired daily rate of gain.

The study, notes Weber, shows haylage or corn silage can be measured by following these easy steps:

- Record the elapsed time that the silo unloader runs in a typical feeding;
- Catch the silage for a 15 or 30-second sample time period, and weigh this amount;
- Once this weight is determined, the entire feeding weight can be determined by multiplying the 15 or 30-second sample weight by the entire feeding time.

Example: If the entire feeding time is 30 minutes, and the 30-second sample weight is 150 pounds, then multiply 150 pounds x 60 (60 30-second time periods in one entire feeding of 30 minutes). This equals 9,000 pounds of silage per feeding.

A second technique used was filling a feedbunk with the desired amount of silage and weighing a section of the silage in the bunk. Multiply this weight by the total number of sections in the bunk.

Of course, in both techniques, the number of feedings per day must be multiplied by the total weight in a feeding for a daily weight determination, Weber stresses. Calculating the amount of grain being fed can be done in much the same way.

"At this point the total amount of silage and grian being fed to the herd has been calculated. Divide the total weights of silage and grain by the number of steers in the herd. You now have the amount fed per steer," he explains.

Using feedstuff nutrient data and charts identifying the nutrient requirements of steers (available from a feed dealer, a county Extension agent, or state university), farmers can derive the amounts of protein, TDN, and DM being fed to the steers, says Weber. Compare these figures to the requirements steers need taking into consideration the average steer weight and the desired daily rate of gain, he adds.

"The results of a survey done in eastern Lancaster County show that of ten farms surveyed, six farms overfed protein, underfed TDN, and underfed the minimum required amount of DM at a desired daily rate of gain," Weber concludes.

"Using the steps I've outlined, steer farmers can determine how much their steers are consuming, see if the steers are getting the requirements, and if not, steer farmers can remedy this situation themselves."

The results of a study conducted in eastern Lancaster County reveal six out of ten farmers overfeed protein and underfeed energy and dry matter in their fattening programs, reports student vo-ag instructor Albert Weber. These steers, who were hungrily taking part in the test, belong to Paul Zimmerman of Terre Hill.

Senator contends farm optimism is fading

KANSAS CITY, Kan. — Nancy Landon Kassebaum, senator from Kansas, keynoted the 1982 American Agri-Womens convention, updating delegates on the present situation facing American farmers, Americans, and the world.

"Our eternal optimism is fading," she announced. "There is uncertainly about where to go in the future as we face family and farm budgets."

The first woman senator blatantly faced facts: "The U.S. is not the only exporter; the U.S. is not the only society trying to save the family farm; and the U.S. is no longer in control of trade policies."

The number one exporter has problems now, because Argentina, Canada, France, Australia are growing competitors in the world market. The ECC has made a war of trade subsidies possible increasing theirs 164 percent between 1975 and 1980. The recent strength of the U.S. dollar raises the expense of our food sent abroad, while American farmers suffer losses of income, Kassebaum contends.

But Kassebaum maintains that there was no better over-all plan possible in Congress or agriculture than the last Farm Bill. She calls for a referendum on government programs for farmers realizing that the federal deficit mandates reshaping of the budget.

"Congress tends to reinvent the wheel. It puts off addressing issues and problems," she accused. "Present policies like the farmer-held grain reserve stagnates markets and raises the tax payer bill. Blind faith in exports is outdated. We must increase our promotion, decrease our subsidy to poor countries which is only delaying the inevitable. Without change in the world economy, we presently have too much competition with other exporters."

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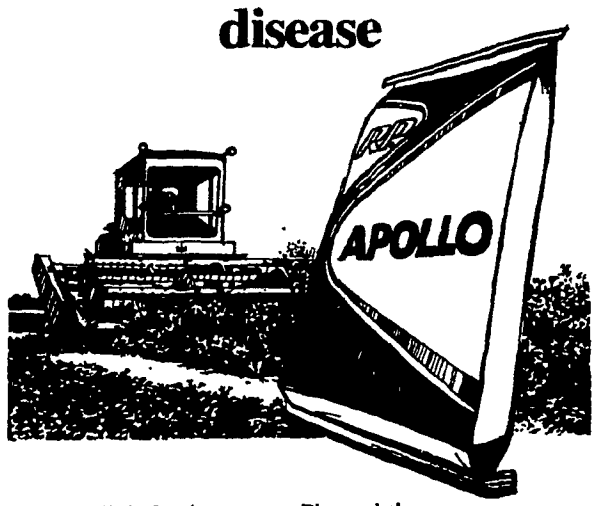

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Md. College of Ag dean gives plan for "excellence"

COLLEGE PARK, Md. — A nine-point plan to build excellence into undergraduate agricultural programs at the University of Maryland was unveiled last Thursday by Donald A. Hegwood, dean of the College of Agriculture.

Hegwood's blueprint was placed on public view before some 200 persons attending the seventeenth annual Maryland Agricultural Leaders Forum on the College Park campus.

Hegwood's plan calls for reversing a downward enrollment trend with an active recruiting program. This would involve visits around the state by teams of senior faculty members and students. It also stipulates resumption of several former programs that bring high school students and other youth groups to the campus for special activities.

Hegwood called for increasing the number and amount of scholarship awards, giving greater support to the university's Career Development Center, providing a "Friends of Freshmen" transition program, and establishing an advisory committee of student ag club presidents on the College Park campus.

For faculty members and department chairmen, he advocated management seminars, more support to student advisors and a continuous process of curriculum renewal "as we strive to retain relevance and achieve excellence."

From College of Agriculture alumni, the dean asked for continued support in helping to recruit students, promote scholarship development and maintain other appropriate activities.

He directed a similar request to county Extension agents and vocational agricultural teachers throughout the state. Many of them, of course, are Maryland alumni.

Expanding on the total educational problem facing U.S. land-grand institutions like the University of Maryland, Hegwood noted that there are 59,000 jobs available annually to college graduates with agricultural training.

But there are only 38,000 persons graduating each year from this nation's colleges of agriculture. That leaves a 30-percent deficit to be filled by college graduates without formal agricultural training. Then add two other critical factors:

— There will be a drop of 25 percent in the nation's college-age population (18-year-olds) over the next 10 years. This alone means that the number of students in agricultural colleges is expected to decrease 15 to 25 percent by 1990.

— A disproportionate number of senior faculty members is due to retire in the next five years from colleges of agriculture and natural resources. Students with advanced degrees are not being graduated in sufficient quantity to replace them.

Nationally, the agricultural economy accounts for 20 percent of the gross national product and 19 percent of total U.S. export earnings, Hegwood pointed out. Agricultural workers comprise 23 percent of the labor force (24 million workers).

In Maryland, he noted, the agricultural economy produced nearly $1 billion in cash receipts from farm marketings in 1981. This makes agriculture the largest income-producing industry in the state.

Warming up to his topic, "Student Development in the College of Agriculture," Hegwood called attention to the continuing goal of President John S. Toll for the University of Maryland to be ranked among the top 10 pubilc educational institutions in the nation by 1990.

"The College of Agriculture's teaching program will certainly be expected to complement the University's goal," Hegwood declared.

"Of direct benefit currently to the College of Agriculture is the National Academy of Sciences' ranking of the University of Maryland as being seventh among public universities in computer science and tenth in both physics and mathematics."

The "cow college" image is becoming more sophisticated in colleges of agriculture around the nation, Hegwood commented.

"We see profound interrelationships of disciplines emerging. Subjects such as bioengineering, computer technology and agricultural law are becoming more common in agricultural courses of study."

Hegwood hinted at possible remodeling of agricultural curriculums to provide "a cultural foundation and intellectual framework for mature, sensible decisions" in the realm of international agriculture.

He commented that "the advancing 'global village' nature of our world increases significantly the likelihood that our graduates of tomorrow will be dealing with agriculture production and education in cultures that are very dis-similar to our own."

But we mut not forget that our primary mission is to serve Maryland agriculture and its diversity, the dean declared. That diversity is based on animals and plants and their processing, in addition to estuarian (seafood) industries.

Hegwood reminded his audience that agriculture is an important resource in every county of the state. Yet, it retains an urban character because of its close proximity to high-population centers.

Deer hunters should give camp locations

HARRISBURG — Deer hunters planning trips to mountain camps are urged by the Game Commission to leave information concerning their destinations with families before departure.

The name or camp number, or a nearby road, stream, mountain, valley or intersection, and nearby telephone numbers, can be helpful to officers trying to locate a hunter during an emrgency. Hunters also might post their names and addresses on camp doors.

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Cloister sweeps capon wins

Once again, Cloister FFA Chapter dominated the annual Capon Show at the East Towne Mall on Friday, Nov. 19.

Finishing in the top spot with the best capon was Dwight Graybill, Stevens R1. Since he was at basketball practice, brother Andy, right, stood in for him to collect the top prize — a $25 gift certificate at the mall.

Second-place went to Mike Pfautz, center, and third to Dean Saylor, R4 Lititz.

The Graybill champ sold for $3.30 a pound to the Calliope Snack Bar in the mall for a total of $35.48. The second-place Pfautz bird went to WIOV-FM for $2 a pound, or $21.50 total.

Sixteen capons sold for an average of $1.49 a pound. Judge for the show was Richard Peacock, Pennfield nutritionist.

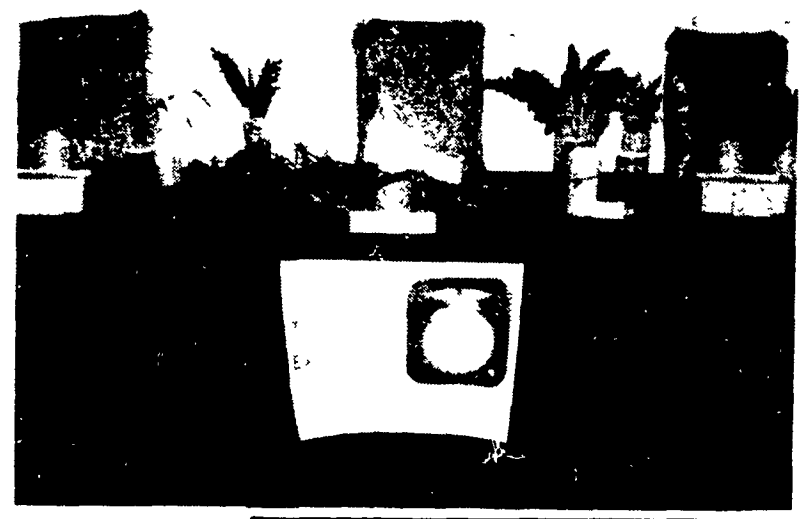
Lehigh FFA agronomy display

Lehigh County Vo-Ag/FFA members of the Lehigh county Vo-Tech School participated in the annual county "Open Gate" Farm Tour, which is held annually as a part of Farm-City Week.

This year, 14 agriculturally-related businesses, farms and the vo-ag department opened their doors to the public.

More than 250 people visited greenhouses, ag shops, classrooms and the school barn. Students guided the tours and demonstrated the handling, grooming, shearing and feet trimming of sheep.

Special displays included broiler raising and agronomy (shown above). The grain display included oats, wheat, rye, barley and sorghum. Dorset, Suffolk, Hampshire and Southdown sheep were displayed.



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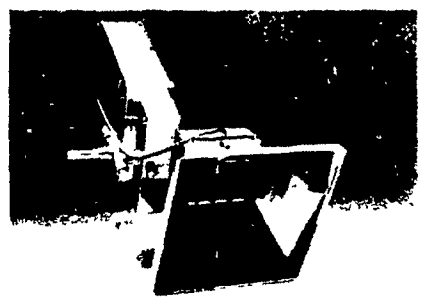

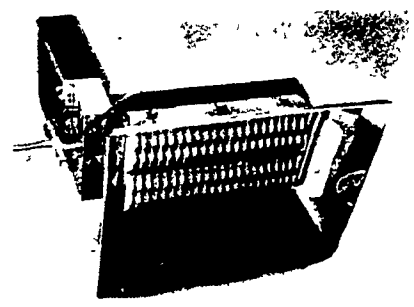

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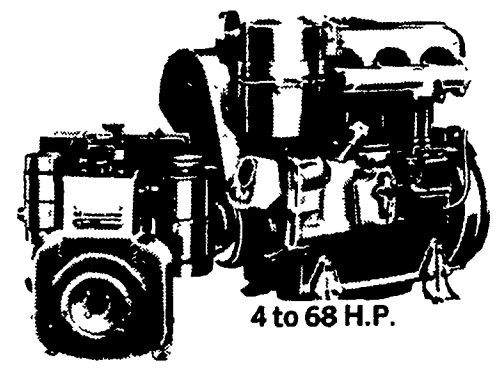

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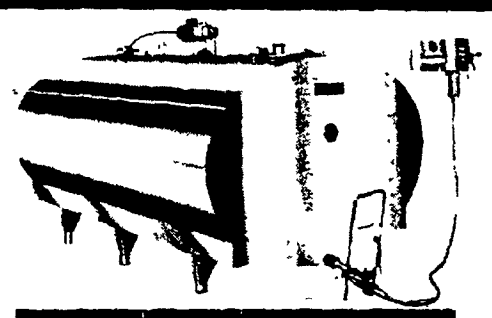

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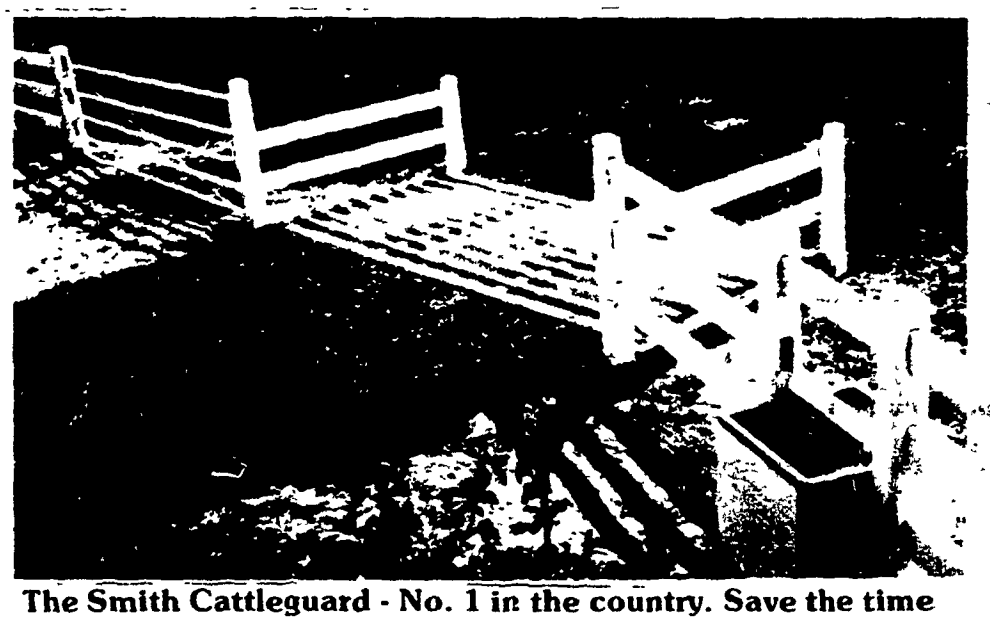

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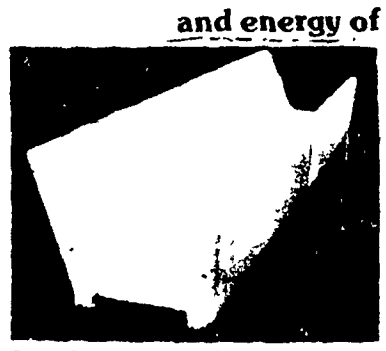

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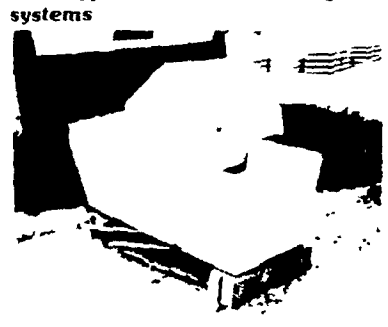

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Extension honors

(Continued from Page A26)

County 4-H Alumni Award and Pennsylvania State 4-H Alumni Award. He became the third Pennsylvanian ever to win the National 4-H Alumni Award, the Golden Key Award, for his outstanding service to 4-H.

Richard S. Adams, Extension dairy specialist at Penn State, was recipient of a Distinguished Service Award and Ruby Award for his educational dairy nutrition programs. Presenting award is Kathleen Hayes, Pike County Extension director, awards committee chairperson. Adams was cited for the development of educational programs in forage testing for feed quality, mastitis control, and general herd health.

FIRE DESTROYS

PRACTICE FIRE PREVENTION

Give Eggs a Break

SALES COMING UP

SAT. DEC. 18

Household Goods, Antiques and Farm Machinery, ½ mile west of Parkesburg, Clarence and Laura Varnes.

THURS. FEB. 17

50 Head Hi Grade Holsteins and Farm Machinery, Catawissa, Columbia County, Amos Lapp.

SAT. FEB. 19

Farm Machinery, 4000 JD Diesel, 30 Head Holstein Heifers, ½ mile East of Honey Brook, Amos K. and Lydia Blank.

TUES. FEB. 22

70 Head High Production Holsteins Herd, Full Line Farm Machinery, 2 miles East of Strasburg, Jonas E. Fisher.

THURS. FEB. 24

Farm Machinery and Household Antiques, 2 miles east of Intercourse, Emanuel Zook.

SAT. FEB. 26

Farm Machinery, mostly new since 1978, 3 Ford Tractors, 7700 diesel, 1202 orig. hrs., 2 miles West of Honey Brook, Robert Campbell.

SAT. MARCH 19

65 Head, mostly Registered Holstein Herd, over 16,000 rolling herd average and Farm Machinery, ½ mile South of Cains, Irvin Eberly.

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PUBLIC AUCTION

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OLD CAR AND FARM ITEMS

BACKUS 1 CYL. GAS ENGINE

SATURDAY, DECEMBER 4, 1982

9:30 A.M.

Clarence Hummer, Lilac and Hibbler Road, Flemington, N.J. From Flemington circle take route 31 north for approx. 6 miles to Hibbler Road. Turn left. Auction arrows posted at intersection.

1968 Diamond Reo (gas) dump truck w/snow plow; 1964 Ford F-600 flat bed w/winch; 1969 and 1965 Ford pick ups w/6 cyl. engines (as is); 1965 Ford Econoline pick up; Cub Cadet 8 hp riding lawn tractor w/rotary mower and snow blade; Gravey tractor w/attachments; Case 310 (gas) crawler dozer; 1958 Cat D-4 shovel dozer; Farmall C tractor; (2) Farmall F-20 tractors, one as is; Allis Chalmers WC (as is); Oliver 3 bottom 18" 3 point plow; International 2 bottom 14" pull behind hyd. lift plow; Case 2 bottom 12" plow on steel; JD 10' springtooth harrow; 6' disc; 2 row mounted cornplanters for C and H tractors; International 16 disc grain drill on steel (good); International 13 disc grain drill on rubber (good); JD field chopper w/corn head; NI and Case side rakes; International hay crusher; International 7' semi mount mower; 5' and 8' pull behind rotary mowers; tractor cord wood saw; Smoker 30' bale elevator (like new); Ezee Flow 12' lime spreader; trailer mounted 550 gal. water tank; wheelbarrow grass seeder; (2) 1 horse drawn plows; (2) 1 horse drawn cultivators; fanning mill (Trenton, N.J.); Cannon corn sheller; DeLaval 80 gal. bulk tank; stainless wash vat; (23) new cow stanchions; English saddle; bridles; set of fancy buggy harness; tack chest; (2) buggy shafts; cider press; apple grinder; several milk cans; milk bottles; old brass post lamp; weather vane; Model A Ford engine, trans and rear; (2) Ford flat head V-8 engines; (2) old car trunks; pr. of old car headlights; spare tire covers, etc.; Backus 1 cyl. engine (good); old treadle wood lathe; Steam Jenny; hyd. pump w/3 hp. motor; Lindsey portable air compressor w/5 gal. paint bucket and 2 spray guns; Briggs 7 hp. and 8 hp. engines; (5) sets of new tractor tire chains; (2) fast hitches for 3 point units; new Heat Houser; (2) 8' x 10' canvasses; pipe dies; grease guns; new battery cables; 100' and 150' ext. cords; steel fence posts; several rolls of snow fence; plus many items not listed.

Sale rain or shine.

Terms: Cash or approved check.

COL. JOHN P. KACHMAR, CAI

Auctioneer

Flemington, N.J. (201) 782-4271

DAIRY CATTLE AUCTION

65 HEAD OF HOLSTEIN DAIRY COWS & HEIFERS

SATURDAY, DECEMBER 11, 1982

At 11:00 A.M.

DIRECTIONS: From Frederick take Rt. 15 North to Rt. 26 & turn left on Rt. 194, sale site is located approx. 1 mile North of Keymar and approx. 3½ miles South of Taneytown, Carroll Co., MD. Follow sale signs.

60 COWS - 6 HEIFERS

Mostly 1st & 2nd calf heifers. All cows are recently fresh or close springers. Two loads of fancy New York cows with good udders & a lot of dairy character. Several fancy two year old heifers, just fresh & milking good. Some cows milking between 70 & 80 lbs. of milk. Most cows are grades but there will be a few choice Purebreds. 6 nice open heifers lg. enough to breed out of an Elevation son. Also selling are some nice 1st & 2nd calf heifers consigned by local farmers. (Consigned) 1980 Oldsmobile Regency, exc. cond.

NOTE: If you need milk don't miss this sale.

HEALTH: Cattle will be tested for T.B. & Interstate Shipment within 30 days of sale.

Sale Managed by:

TOM KOLB

1516 Francis Scott Key Highway

Keymar, MD 21757

301-751-1244

Auctioneers:

Randy Ruby & Martha Strawsburg

Home: 301-898-3673 (Randy Ruby)

Office: 301-663-1555

ABSOLUTE AUCTION

SATURDAY, DECEMBER 11, 1982

At 11:00 AM

For Mr. and Mrs. Finch of Church Hill, Md. (moving to Retirement Home) Sale to be held at the ODESSA FIRE HALL, ODESSA, Del. (U.S. 13, 22 mi. south of Wilmington, Del.

Antiques & fine furnishings to include Phila. walnut High Chest, Balto. Heppelwhite Chest of Drawers with Bookcase top C. 1975, kidney shaped Mahogany Pier Table, Phila. Mahogany side Chair w/peanut carving. Sheraton Banquet Table, Heppelwhite period swell front mahogany Bureau C. 1795, Chippendale period Walnut High Chest, Walnut Corner Cupboard w/solid panel doors, Heppelwhite swell front inlaid Chest, Balto. Mahogany Heppelwhite Secretary C. 1800, Tilt top Mahogany Table with bird cage, several early Chippendale mirrors...Collection of Canton, (approx. 50 pieces), Nanking, Satsumi, Gaudy, Welsh, Lowestoft, English bone china, some crystal, pattern glass...Sterling Silver by Tiffany, Kirk, Caldwell. Georgian tea set (handmade-100 year old) glass oil lamps, toby jugs, English bracket clock, ginger jars (K'ang HSI Dynasty 1662-1722)...10 Antique Oriental rugs, room size, runners & throws. Brass & Pewter Candle Sticks, Antique Tea Caddy boxes, Balto. framed prints. Chinese pictures painted on silk, pair of very early Portraits-oil on canvas possibly 16th Century. English protrait of Bridget Birdie by Sire Godfrey Neller C. 1790. Many other important items that must be seen to be appreciated.

Inspection Saturday morning only, starting at 9 a.m. Admission by $5 catalog only. Catalogs available either by mail or at door.

Terms cash, certified checks, guaranteed funds such as personal checks with bank letter of credit.

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of Galena, Md. 21635

Phone: (301) 648-5601

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SALE AT ODESSA FIRE HALL, ODESSA, DEL.

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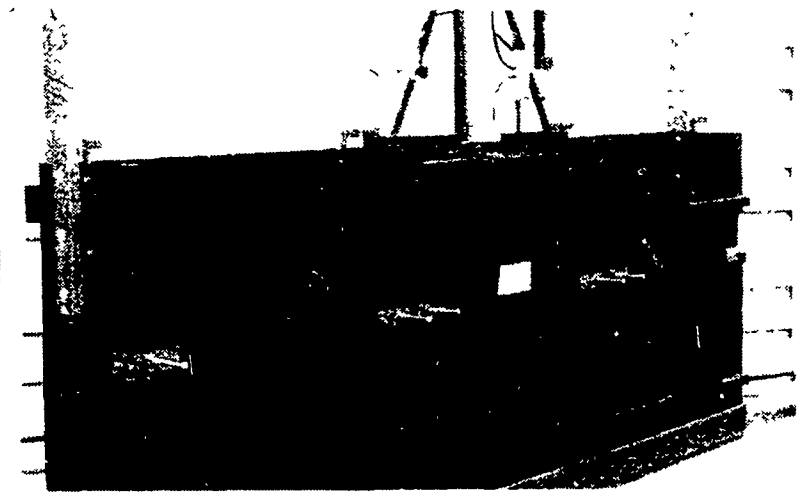

"The Art of Baling Becomes A Reality" over the course of history. Maryland tobacco has found its way to market in a variety of forms. From barrels to burlap sheets, to tied leaves. Now, a new method has been designed which makes packed tobacco more manageable.

A baling box machine can be used which puts up tobacco in 22 inch bales that weigh 75 to 80 lbs. These can easily be stacked or stored.

The basic machine is a three-bin model where tobacco is laid in according to grade. The tobacco is compressed into bales by use of an hydraulic cylinder powered by air. A jack type system can be used for those who may not have electric available. After the bale is compressed, it must be tied with cotton twine.

The use of the three-bin press allows more tobacco to be processed in less time.

For more information and details on these new tobacco press units - Call LANCASTER SILO CO., INC. We have units in stock for sale.

Bale unit - less operating cylinder.... **$295.00**

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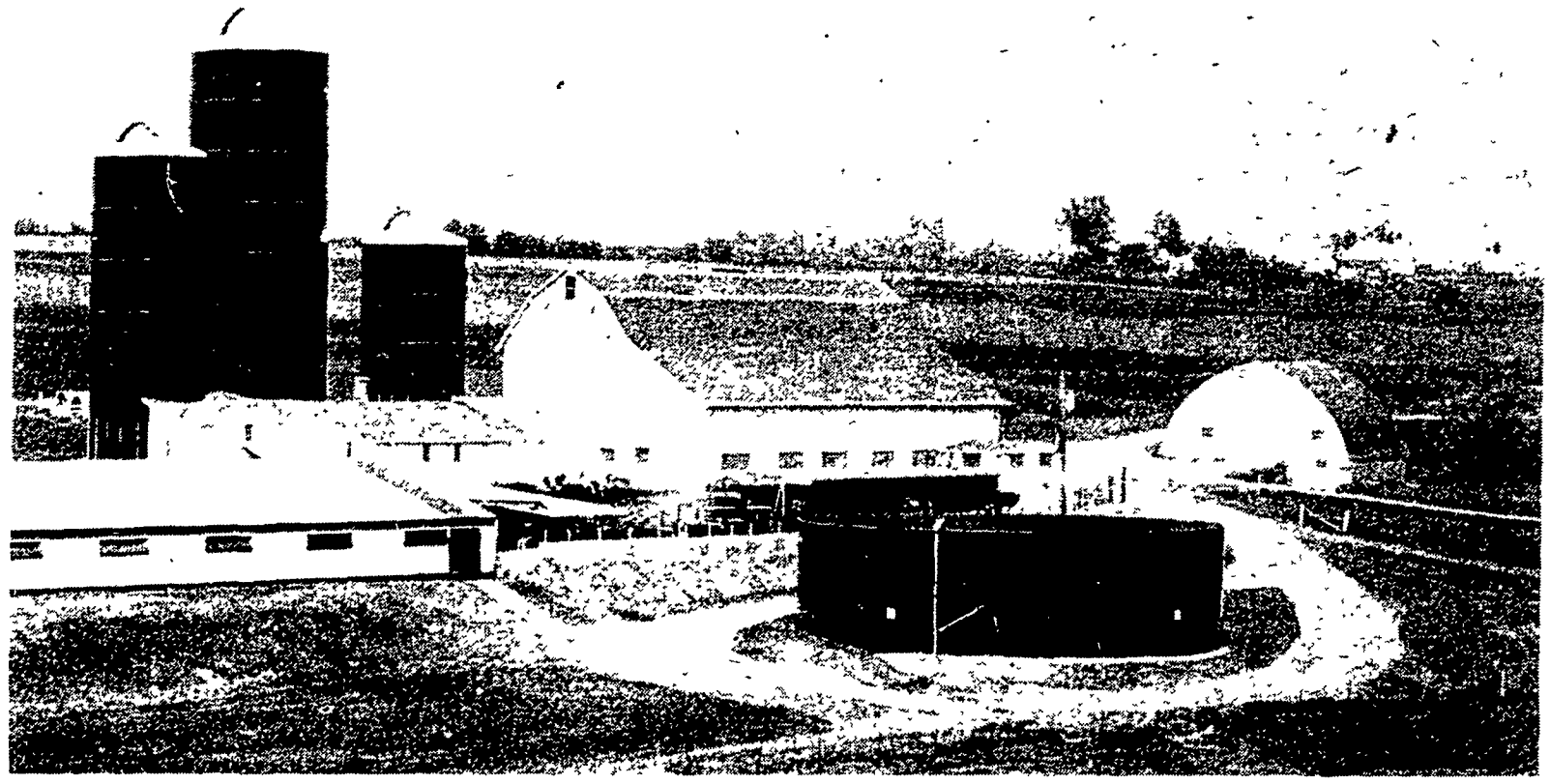
...WHY WAIT UNTIL 1983!



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Liz Brown talks over some financial information with clients Yvonne and Larry Mummert, East Berlin. Liz visits farmer-clients in their homes to help work on their accounting systems and provide valuable financial information.

Farm financial consultant proves it's not just a "man's" world

BY SALLY BAIR
Staff Correspondent

Elizabeth S. Brown spends her days thinking about depreciation schedules, taxes, net worth statements and cash flow, and enjoys every minute of it.

As a consultant for Agways' Farm Planning Department, she is deeply immersed in the figures and accounts which make a farm operate, and she says, "I like working with figures because there is always an answer."

In many ways, Liz is a woman working in a so called 'man's' world. Among Agway's 22 consultants, Liz is just one of two women. Her work is to help farmers with their accounting systems, but she notes, "Seventy-five percent of the women keep records, so I generally work with both men and women." Since they keep most of the records, it is the women who know where to find the information needed for Liz's work.

Not surprisingly, Liz feels a service like hers is even more valuable in the economic times we are experiencing. She said, "With the high interest rates today, farmers cannot afford to make mistakes. They must pay closer attention to detail."

She added that good records become more and more of a necessity in tight economic times. "Many lending agencies are making it mandatory to have financial records. In such a capital intensive business, it is very important for a farmer to know where he stands on more than a yearly basis."

Liz said one of her hardest jobs is to tell a person he is in a bad financial position. "Farmers may grumble about paying taxes, but at least then they know they are making money," she smiles. "Farmers are very tenacious."

Despite working in a field dominated by men, Liz says, "I wasn't looking for prejudice and I didn't find any. I might have had to prove myself more than a man. I am rather conservative and I think that has been helpful in being accepted. When you grow up on a farm, you have a certain set of values which holds you in good stead. The vast majority of my clients are Christian people and easy to work with. My clients are my friends."

Her trusty adding machine goes with her everywhere, and here Liz uses it to do some figuring while visiting a client. She says people are surprised that she uses her adding machine tapes on both sides, but it is part of her frugal nature.

Thoughtfully, she adds, "My greatest satisfaction is the people's confidence in me, and all the responsibility people have given to me in trust. It is very important to me that my clients trust and respect me."

While her primary work is helping farmers with their accounting systems, she notes, "I am often a sounding board for clients. Sometimes they are able to verbalize ideas with me. I don't want to make decisions for people. I give them the facts, and let them make decisions." She added that sometimes people just want an outsider to talk over ideas and as they talk they come to a decision on their own.

Liz points out that her work is strictly confidential. She works out of her home and is involved with Agway stores only as liaison. "None of my information goes to any other department at Agway," she stresses.

A big asset to Liz as she visits with farmers is her own farm background. Having grown up in Crawford County on a poultry farm, she can understand some of the situations she encounters. Her father, Raymond Sperry, and two brothers still operate a poultry operation with over 150,000 layers and have a replacement hen operation.

With a family that has long been cooperative supporters, it is probably not surprising that Liz is working for a cooperative. Her family was one of the first to become clients with the farm planning division. "My father was co-op minded," Liz states.

When choosing majors in college, Liz recalls, "I was interested in agriculture and I could see that it wasn't a bad field to enter because of the peripheral jobs available." She majored in general arts and sciences, but took her major credits in accounting with ag economics and other management courses. "That major has served me very well and I have never regretted it," she says.

After graduation, she began working with an Agway store, and has been with the farm planning division for 4 1/2 years. She says she never regrets having started out working in a store because that's where she met her husband, Allen, who is involved in sales and service for Enterprise feed, seed and fertilizer for Agway.

She said since they do not share the same clients they do not have a conflict with their jobs. But she added, "We share concerns and talk a lot about farming. He helps keep me abreast of a lot of things."

The Browns have a nine-month old son, Andrew, and Liz says she was "overwhelmed" with the kindness expressed to her by her clients when the baby was born last January. She also recalls that since January is a busy month, what with taxes and all, she had her husband bring some of her work to the hospital and kept on working so she wouldn't fall too far behind. She did take a five-week maternity leave when Andrew was born, but her work at home didn't stop.

A former 4-H'er and a former Miss Pennsylvania Rural Electrification, Liz worked in the Crawford County extension office between her junior and senior year in college. She says, "All these things have helped me."

Liz must drive in all kinds of weather since winter is a busy time for anyone connected with taxes, but she says, "I've never gotten hung up in snow." She did have one accident, however, in the center of East Berlin, a place notorious for accidents. She can now say with a laugh, "I was the last accident before they put up the lights."

Her job is interesting, she adds, "because I meet one on one. Every day I meet the same kind of problems but a different set of people and different personalities."

She now has so many clients she cannot take on new people, but she remembers when she first came to the area with just 35 people signed up for the program. "I would go to annual meetings, and talk to anyone I knew. I drove in lanes and made many cold calls." As she reflects, she says she is surprised at her boldness, but her persistence paid off. "It's surprising too how word of mouth works," she reflects.

Her 100 client-farmers are located primarily in Adams and Franklin counties, and 90 percent of them are within 40 miles of her home in Chambersburg. She rarely travels more than 80 miles a day, and last year put 13,000 miles on her car. she has become very familiar with the roads she must

(Turn to Page B4)

Homestead Notes

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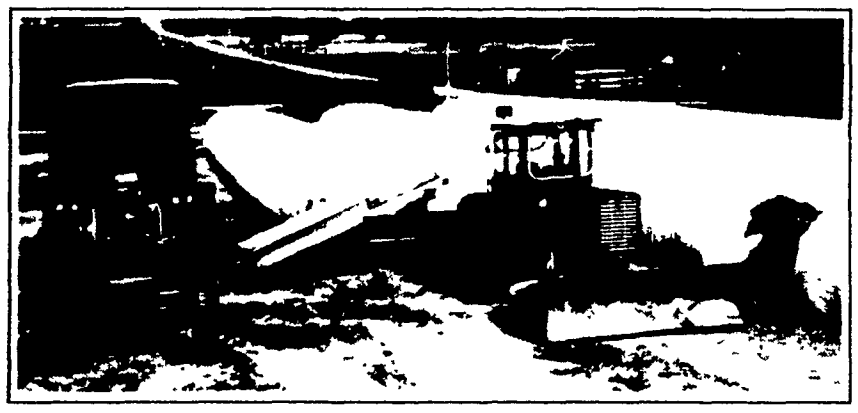

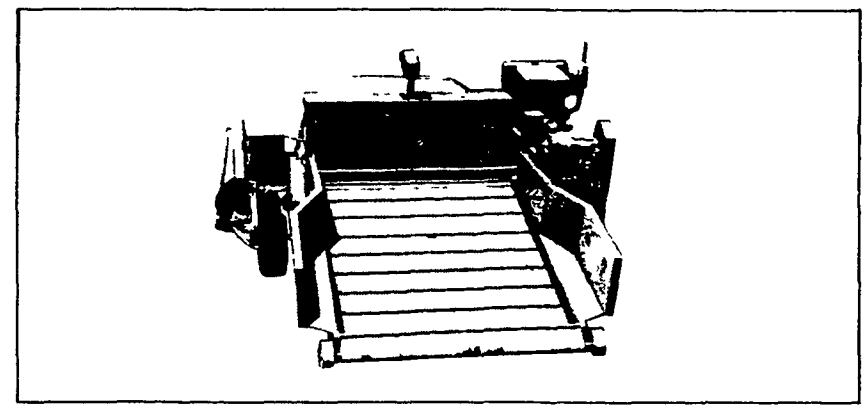

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Kenneth Popham of Floresville, Texas

Kenneth runs a 465 cow Dairy and said this about AG-BAG: "At today's interest rates you can't afford any other type of storage... Even with the yearly cost of bags it's still inexpensive storage... a whole lot cheaper than building barns and hiring help. I put up 13 bags last year and after seeing the results, I'll put up 25 bags this year. The bags are a good thing."

Don Carter of Parkdale, Oregon

"The best move I ever made"... says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon.

"I get 18% more feed from the same acreage and the feed lasts three times as long. I used to clean my bunks after three days, now I only need to clean them after 10 days."

Roland Rasmussen of Blair, Nebraska

"In addition to everything else, it's a management tool" .says rancher, Roland Rasmussen of Blair, Nebraska

Roland farms 350 acres west of Blair, Nebraska, and fattens about 650 cattle from 600 lbs to finish.

"By labeling every bag as to date and kind of feed, I can mix my feeds and eliminate the guess work in making a ration. I feed alfalfa silage, corn silage and ground ear corn stored exclusively in the bags, purchasing only my minerals and vitamin supplements."

"The AG-BAG system has enabled me to increase carrying capacity per acre at a reduced cost of gain."

Bert Anderson of Sceptre, Saskatchewan

"At least 30% more feed... I can guarantee at least that"... says rancher, Bert Anderson, of Sceptre, Saskatchewan.

"I've been able to cut my grain feeding costs in half since converting to the bagging. It's just like feeding grass I've also eliminated the need for a liquid supplement that we always fed before going to the AG-BAG System..."

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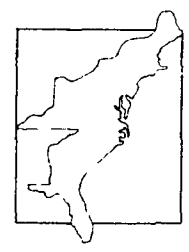

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Record number show in NAILE Jr. market lamb event

LOUISVILLE, Ky. — War whoops and applause ripped through the sheep barns as Jody DeVoe's Suffolk wether was slapped Grand Champion Junior Market Lamb at the recent North American International Livestock Exposition.

Judge Bennie Doane of Lawton, OK commented on the champion lamb, explaining that it had tremendous muscling, length and capacity for a merchandising product.

Doane commented on the "long afternoon, but a great show," after he had evaluated all 311 market lambs ranging from 85-170 pounds.

According to Ron Craig, Sheep Show Superintendent, this is the largest Junior Market Lamb Show ever held at the NAILE.

Jody DeVoe, 19 of Xenia, OH showed and won her first time at the NAILE. The 114 pound wether she exhibited had previously won the Reserve Suffolk Market Lamb at the Illinois and Indiana State Fairs.

DeVoe is the daughter of Ron and Dixie DeVoe.

Three times exhibiting and three Reserve Grand Champion Market Lambs was what Jennie and Julie Brandt, 11 and 12 of Anna, OH accomplished as Doane went to their 109 pound wether for Reserve.

The Brandt sisters are the daughters of Mr. and Mrs. Jim Brandt.

Financial consultant

(Continued from Page B2)

travel and says of the area, "It is very pretty."

Liz sends quarterly "summing up" newsletters to her clients and says, "I send out my own mailings at this time of the year with what I'm expecting, and little things to watch for."

Dairying accounts for the highest percentage of her clients, 80-85 percent, with hog farmers being next.

How does she keep up with changes and revisions? "Agway keeps me up on it," she replies. She attends two meetings yearly in Syracuse, and other regional meetings, designed to give the latest information. There are many mailings and publications which she studies to learn the most up-to-date facts.

She said she memorizes new tax laws so she has all the information readily at hand during on-farm conferences. Of course, she notes that she studies new tax laws only as they pertain to farming.

Liz is very optimistic about the future of farming. "There will always be a future in farming, because people need to eat, but things will change. People who realize that they control their destiny will still be there. They must take responsibility for their own decisions. You have to be a good manager. People who are good managers realize that their decisions counts."

Quoting from the Bible, she says, "There will be agriculture until the end of the world."

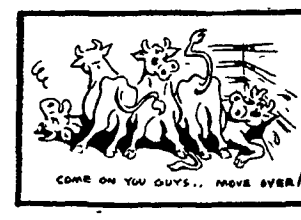
She said the surplus milk problem may be taken care of because of farmers going out of business. This is not a desirable solution, but it will help take care of the problem.

She admits that it is easier to get into farming these days "if you have a connection." There are benefits to farming, Liz says, "You are your own boss and you are at home with your children and family."

Liz has become a regular participant in the Pennsylvania Association of Farmers Cooperatives Summer Institute and in the Co-op Couples program. She also enjoys speaking to college careers days about careers in agriculture.

She and her husband are very involved in their local church.

Liz is very happy working with her clients in agriculture. She sums up, "Farming is the most rewarding of segments to work with. I love this area. It's home to me."



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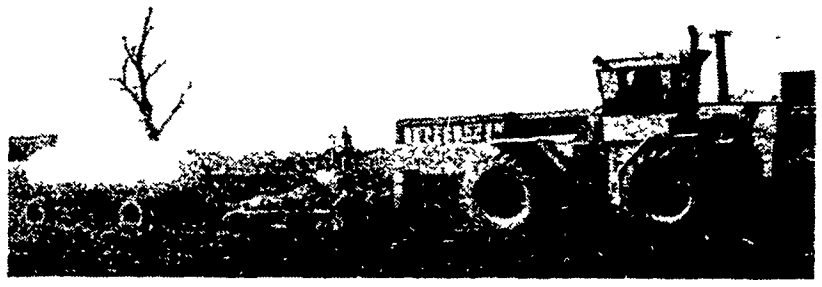
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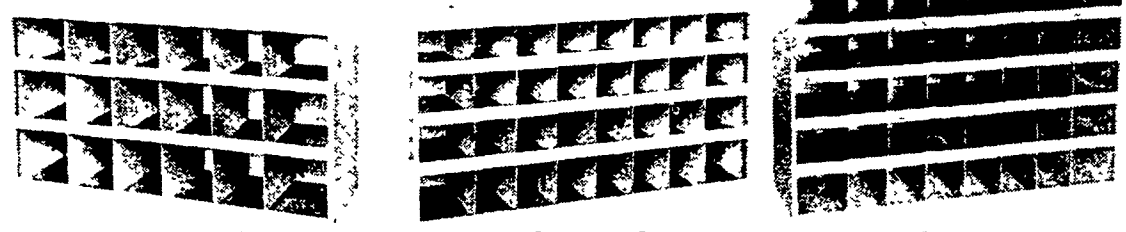
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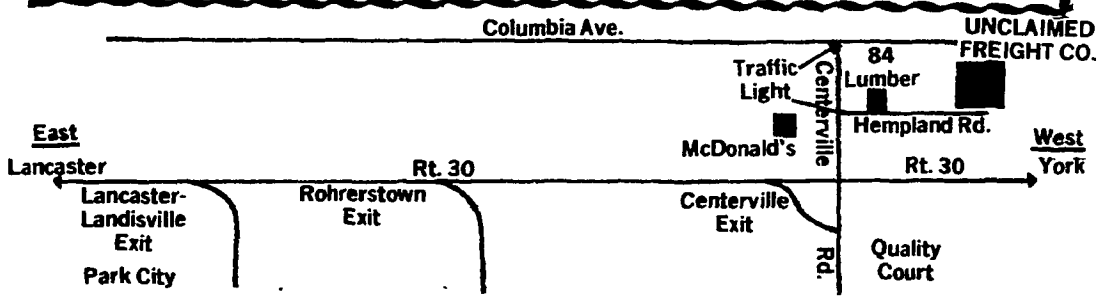

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Ida's Notebook

Ida Risser

The other week my husband went to get his hunting rifle on which he'd just had a scope mounted and he asked me to go along with him.

Afterwards, we drove out into the country and he stopped at a farm where he bought me an early Christmas present. It made me feel like a child again. It was a red express wagon with white removable sides which I expect to use to haul produce from my garden to the house. Maybe now I won't have to make so many trips with berry boxes. Of course, it can be a toy for the grandchildren too.

It seems as though my garden will never be completely empty. I've dug the last of the leeks and two big buckets of carrots. Some of them are stored in ground in the cellar for winter use. But there are still many heads of lettuce and cabbage out there plus green onions.

And up until Thanksgiving, I'm usually able to pick flowers for small bouquets. Just now I have the last larkspur, calendula and scabiosa in a vase with a few dianthus. The impatiens, begonias and geraniums keep the windowsills colorful. Violets, which I find when I glean corn, blooming here and there in the field look nice in a tiny glass toothpick holder.

Next year I must remember not to allow so many marigolds to grow in my flower garden. They have become weeds and have spread to cover my tuberoses and other flowers that I plant nearby.

My Thanksgiving cactus bloomed on time this year, so that when Cindy brought some of her friends here for lunch on their way to a concert in Philadelphia, the pretty pink blossoms were part of my table decorations.

Dauphin seeks deer antlers

HARRISBURG — Deer hunters are asked to donate unwanted deer antlers and antlers from other members of the deer family to the Dauphin County Conservation District.

The District will use a deer antler study program established by the Pennsylvania Game commission as part of its Environmental Education Program for Dauphin County schools.

This study program can only be implemented if a sufficient quanity of antlers can be obtained. Hunters are not asked to part with trophy racks, but if they have an average rack nailed on some forgotten shed, they could be better used by allowing children the opportunity to examine antler growth.

If you can assist with their search for antlers, call the Conservation District at 652-7048, or drop them off at the office in the Lower Paxton Township Municipal Building, 75 S. Houcks Road, Room #305, Harrisburg, PA 17109.

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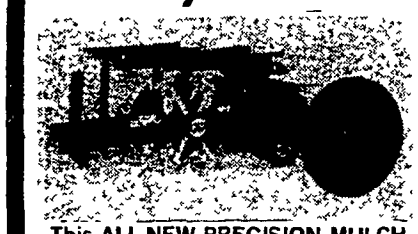

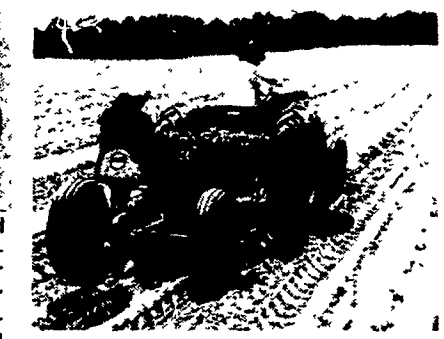

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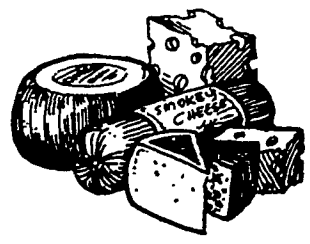
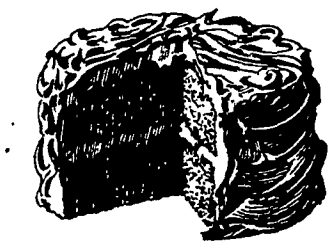


Home On The Range



Light meals after the holidays

Well, you did it again this year. You promised yourself you wouldn't, but you did. . .

You devoured the turkey as though you haven't had the dish since last year's Thanksgiving. . .you ate and ate and ate your way through the scrumptious stuffing to the sticky candied yams and mashed potatoes. . .then you attacked the pumpkin pie with such vigor that you wonder how you ever were able to leave the table that afternoon.

And now it's post holiday time, and time to watch your diet again. But remember, it's also between-holiday-time which means that an eating binge will likely occur again at Christmas time.

Below are some light meals — light in content and calories — you and your family can enjoy. Some use what little leftover turkey there was and others add a new taste to the tired holiday connoisseur.

AFTER THANKSGIVING STRATA

4 c. herb seasoned stuffing cubes
10-oz. frozen chopped broccoli, drained
1 c. diced cooked turkey
1/2 c. shredded Cheddar cheese
3 T. thinly sliced green onions with tops
6 eggs
1 1/2 c. milk
2 T. sliced blanched almonds
green onions

Sprinkle 2 c. of the stuffing cubes over bottom of greased baking dish. Sprinkle broccoli, turkey, cheese and onions over cubes. Sprinkle with remaining cubes. Blend together eggs and milk. Pour over stuffing mixutre. Sprinkle with almonds. Cover. Refrigerate several hours or overnight. Bake in preheated 350 degree oven until golden brown, about 50 to 60 minutes. Garnish with additional green onions.

TURKEY CREPES MOLE

Crepes:
1 c. milk
2/3 c. all-purpose flour
2 eggs
1/3 c. enriched corn meal
1/8 t. salt
Filling:
2 c. chopped cooked turkey
2 T. vegetable oil
16-oz. can whole tomatoes, drained
One 10 3/4-oz. can condensed chicken broth
1/2 c. chopped onion
One 4-oz. can green chilies, drained
4 t. unsweetened cocoa
1/2 t. garlic salt
1/4 t. cinnamon
dairy sour cream

For crepes: Combine all ingredients; beat until smooth. For each crepe, pour about 2 T. batter into hot, lightly grease crepe pan or small skillet. Immediately tile pan to coat bottom evenly with thin layer of batter. Cook 45 seconds or until top looks dry; turn. Cook about 20 seconds. Stack crepes between sheets of wax paper.

For filling: In large skillet, cook and stir turkey in oil until golden brown. In blender or food processor, combine remaining ingredients. Blend just until nearly smooth. Pour over turkey; simmer 25 to 30 minutes, stirring occasionally. Filling will be thin consistency at this point.

To assemble crepes: In baking dish, spoon 1/3 c. filling down center of one crepe. Roll up; place seam side down in ungreased baking pan. Repeat with remaining crepes. Cover with aluminum foil; bake 20 to 25 minutes. Serve with sour cream.

Although turkey sandwiches are terrific, you can turn your Thanksgiving leftovers into something much more exciting by making After Thanksgiving Strata. Since the strata contains foods from each of the basic four food groups, the rest of your menu can be simple too.

TURKEY CLUB SANDWICHES

6 bacon slices
6 white bread slices, toasted
mayonnaise
lettuce
2 large cooked turkey slices
salt and pepper
1 large tomato, sliced

In a large skillet, cook bacon and drain on paper towels. Spread one side of each bread slice with mayonnaise. Arrange lettuce on top; next place turkey on lettuce. Sprinkle with salt and pepper. Cover with another slice of bread, mayonnaise side up. Top each with more lettuce, half tomato slices, 3 cooked bacon slices, remaining piece of bread. Cut diagonally into fourths. Secure with decorated tooth picks and serve.

Barbara Russell, Pine Bush, N.Y.

SWEET POTATO PUDDING

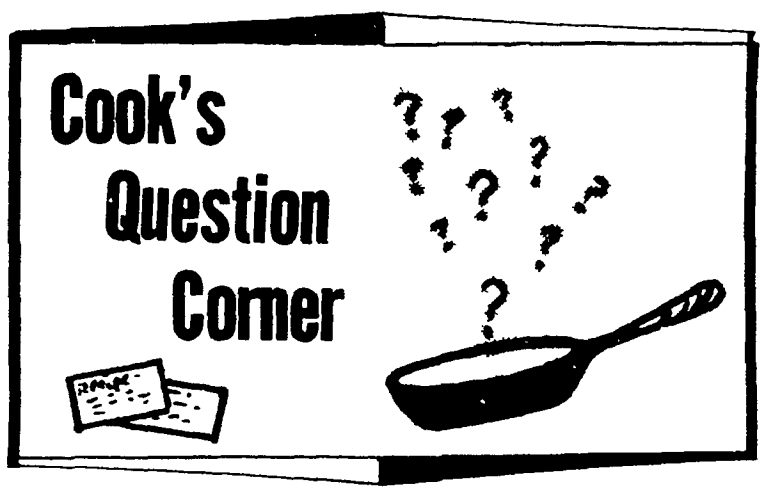
2 c. cooked sweet potatoes
2 eggs
1 c. milk
5 T. brown sugar
1/2 t. salt
2 T. butter
marshmallows, optional

Place sweet potatoes in blender. Add eggs, milk, sugar, salt and butter and blend until smooth. Pour into greased baking dish. Top with marshmallows, if desired. Bake at 350 degrees for 45 minutes.

Linda Kramer, Reinholds

(Turn to Page B8)

Using the recipe for Turkey Crepes Mole, it's easy to turn leftover turkey into a tasty South-of-the-Border party treat. The addition of corn meal to the crepe batter gives authentic Mexican 'corn' flavor to crepes.



QUESTION - M. Pavlica is still looking for a recipe for Danish Kringle. Can anyone help?

QUESTION - I would like a delicious but easy-to-make recipe for French onion soup. And does the reader recommend using croutons or dough?

Recipe Topics

December	
4	Christmas cookie time
11	Have an unusual holiday dish?
18	How about a favorite dish?
25	Unique ways to serve ham
January	
1	Thick, juicy beef dishes

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Caramel apples mean family fun

LANCASTER — In today's busy world, family activities are more important than ever. As jobs and other obligations demand the time of Mom, Dad and the children, it's essential that all remember to make time for family fun. One favorite family activity is making caramel apples. Tasty and simple-to-prepare caramel apples are a treat that all can enjoy.

Child development experts agree that involving children in the preparation of a meal or snack can be beneficial for the entire family. Having your children help out with snacktime activity provides you with an opportunity to spend some special time together.

Important contibutions such as the preparation of a family treat can also help children to develop a sense of self esteem, giving them a feeling of accomplishment when the results are ready to eat.

Why not involve your children in the preparations? Begin by helping them to prepare a shopping list. You will need: 1 14-ounce bag Kraft caramels; 4-5 medium size apples; 4-5 wooden sticks (usually included in the package of caramels during "Caramel Apple" season).

Make the trip to the grocery store a learning experience. Have the list handy and help the younger members of the family choose the needed ingredients. Remind them that an apple's beauty is more than skin deep — choose apples with a smooth skin without any soft spots which can end up as brown areas inside the apple.

After returning home wash the apples and dry them carefully to be sure the caramel will stick to the apples. Store any extra apples in the refrigerator or in another cool, dry place.

Now assemble the needed utensils: measuring spoons a heavy 1½ quart saucepan, wax paper, shortening, a cookie sheet.

The 1-2-3-4 Recipe For The Basic Caramel Apple

1) *Unwrap caramels.

*Place caramels and 2 tablespoons water in heavy 1½ quart saucepan.

*Cook over low heat, stirring occasionally until caramels are melted and sauce is smooth.

2) *Place sheet of wax paper on cookie sheet.

*Lightly grease wax paper with shortening.

*Insert wooden sticks into stem ends of washed and dried apples.

3)*Holding stick, dip apples, one at time, into hot caramel sauce, turning until well coated.

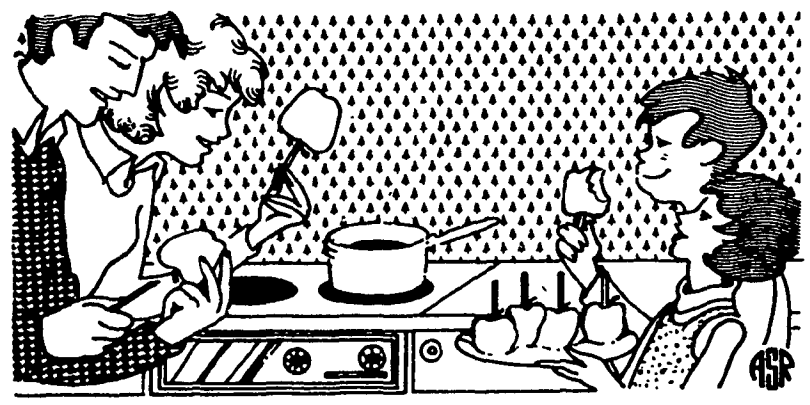
*Scrape off extra sauce from bottom of apple with wooden spoon.

*Place apples on greased wax paper.

4)*Store in a cool, dry place.

It's as easy as 1-2-3-4! For extra fun, caramel apples can be personalized with a variety of toppings before chilling. While there are many toppings to choose from, you may wish to try decorating your apple with candy corn, chocolate sprinkles, coconut, chopped nuts or raisins.

Tell your family not to hold back — your favorite toppings will make tasty additions to your caramel apples.



Elizabethtown Grange elects officers

ELIZABETHTOWN — The Elizabethtown Grange elected officers for the new year at their Nov. 4 meeting.

Elected were: master, Kenneth Myer; overseer, Marlin Uhrich; lecturer, Nancy Uhrich; secretary, Helen Becker; treasurer, Vic Koser; chaplin, Ken Moyer; steward, Scott Funck; assistant stewards, Roy Springer and Tracy McCoy; gatekeeper, Dave Shearer; flora, Alma Shearer; ceres, Dot Berry, pomona, Grace Koser; executive committee, Darl Williams, RalphKautz, Samuel Myer; financial committee, Nelson Weaver, Dave Shearer, and Erwin Engle.

Post-holiday meals

(Continued from Page B6)

TURKEY FRUIT SALAD

4 c. chopped cooked turkey
1 c. pineapple tidbits
1 c. chopped walnuts
1 c. seeless grapes
1 c. chopped apples
1 1/2 c. mayonnaise

Combine all ingredient and refrigerate. Use own imagination for serving container and servings.

ITALIAN GOULASH

1/2 lb. milk Italian sausage, cut small
1 c. sliced celery
1/2 c. sliced onion
1/2 t. oregano leaves, crushed
1 can (20-oz.) old fashioned bean with ham soup
1/4 c. water
2 c. zucchini squash cut in strips
1 c. quick-cooking rice, uncooked

In saucepan, brown sausage and cook celery and onion with oregano until tender. Add soup and water. Cover; cook over low heat 10 minutes. Stir occasionally. Add zucchini and rice; cook 10 minutes more or until done. Stir occasionally. Makes about 5 cups.

HOT TURKEY AND HAM MOUSSE

3 T. butter
3 T. flour
1 c. milk
salt and pepper
1 1/2 c. minced leftover turkey
1/2 c. minced cooked or canned ham
1/2 c. soft breadcrumbs
2 eggs

Melt butter; blend in flour. Gradually add milk; cook over hot water, stirring constantly, until thick. Season with salt and pepper.

Cool slightly; add turkey, ham, and crumbs. Beat eggs; add.

Pour into individual greased molds. Place in pan of warm water.

Bake in moderate oven 45 minutes, or until inserted knife comes out clean.

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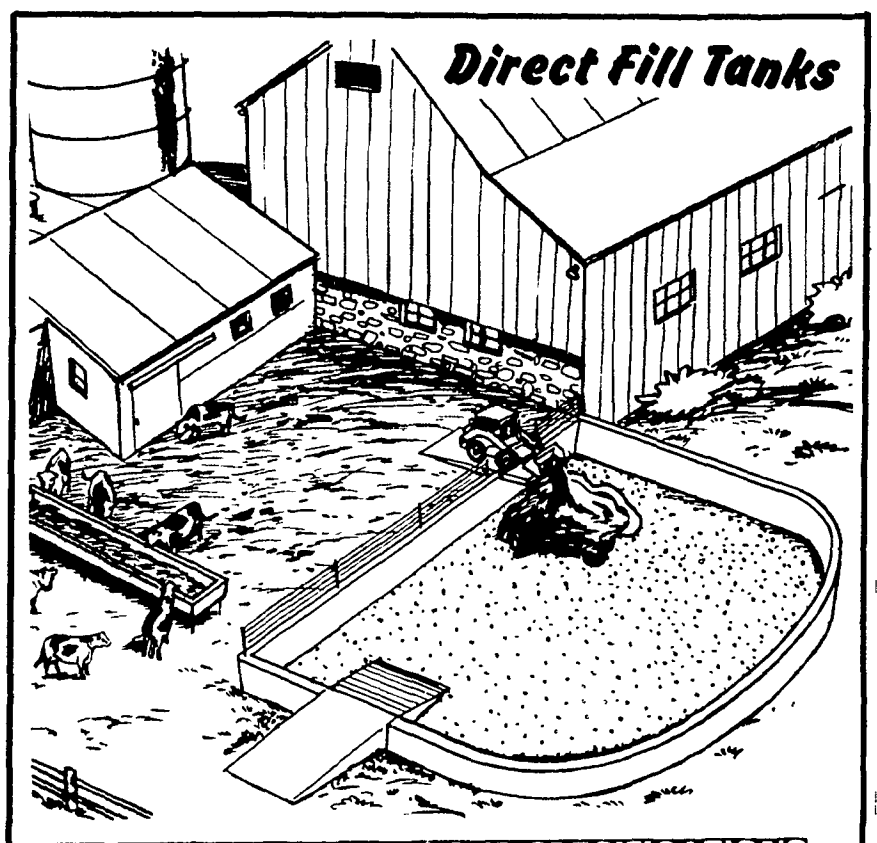

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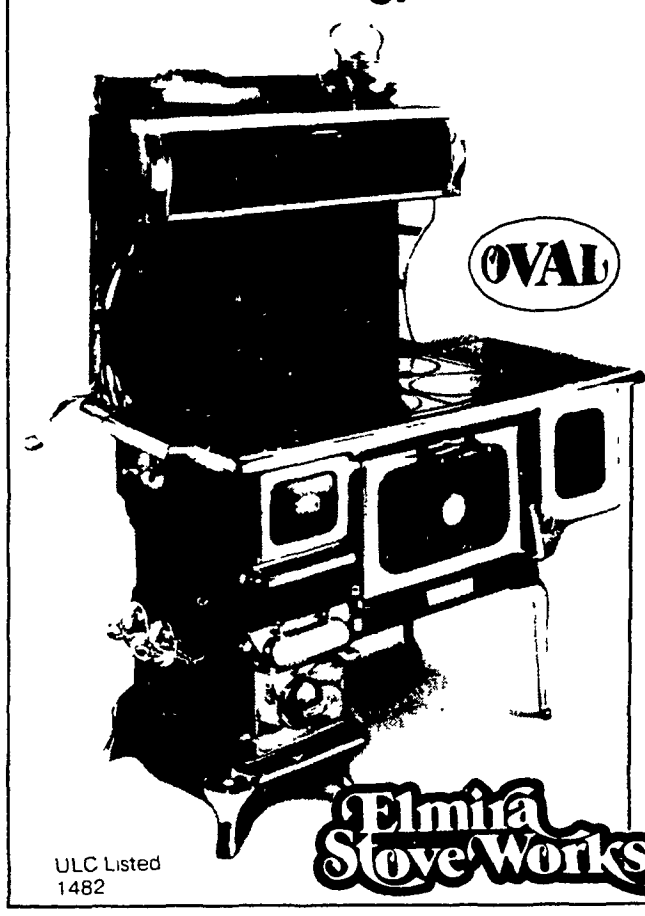

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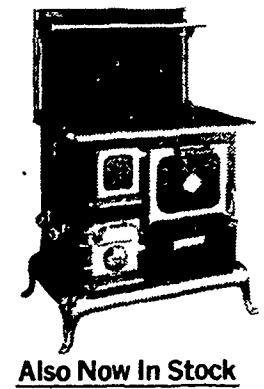

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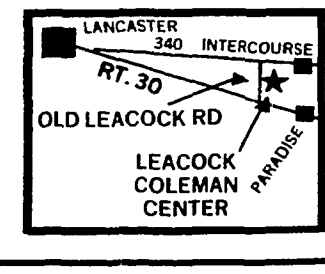


Ribbon-trimmed 'bread' basket

Each year around this time, countless people request the recipe for "bread" baskets...that is, baskets made literally from bread dough.

It's no wonder so many people make bread baskets each year. They are perfect for holding holiday rolls, breads, cookies and pastries.

This year, why not make the baskets extra-special by lacing them with colorful ribbons? You can even line the baskets with elegant linen napkins, or paint tiny flowers along the upper rim.

No matter how you embellish them, however, the basic basket is simple to make. The recipe is merely flour, salt and water.

Just like ordinary bread-baking, the ingredients mix up like dough, roll out with a rolling pin, and bake to a characteristic golden brown. The difference is in the end product only. A basket made of bread is decorative, not edible.

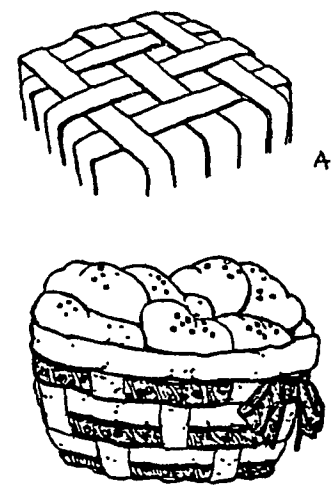
Here are directions for making a bread basket, laced with ribbons:

MATERIALS: Six cups of flour, 1½ cups of water; large mixing bowl; rolling pin; pastry cutter or paring knife; baking sheet; oven-proof bowl; straight pins; damp cloth.

Optional decorating supplies: Varnish or spray glazes; paints; paintbrushes; ribbons; napkin; old newspapers for work area.

MIXING THE DOUGH: 1. Mix flour, salt and water in the mixing bowl. 2. Turn dough onto a lightly floured bread board or counter. 3. Knead dough for five minutes. 4. Roll dough to ¼ inch thickness with a lightly floured rolling pin.

CUTTING DOUGH: 1. Using paring knife or pastry cutter, cut



dough into 1-inch wide strips. 2. Cover strips and dough until needed with damp cloth.

WEAVING THE BASKET: 1. Turn ovenproof bowl upside-down on baking sheet. 2. Lay strips of dough over bowl in evenly spaced parallel rows. Be sure ends of strips touch baking sheet on both sides of the bowl. 3. Weave new strips under and over the strips already on the bowl (a). 4. As you weave, moisten places where strips meed. Smooth rough areas with wet fingers. 5. Weave strips around the sides of the bowl. 6. Pin as needed to keep strips from slipping down.

FINISHING: 1. Wind last strip around bottom edge of bowl. Press this strip firmly against the strips already on the bowl. 2. Bake basket at 325 degrees until dough becomes dry and lightly browned. Expect this process to take up to 1½ hours. 3. Remove from oven. Carefully remove pins. Let basket cool. 4. Ease basket off oven-proof bowl.

DECORATING: 1. If desired, paint flowers, hearts, or other designs on basket. Let paint dry. 2. Apply a coat of varnish to basket. Be sure to completely cover every part of the basket. 3. Let varnish dry. 4. Apply a second coat of varnish. 5. Let varnish dry again. 6. Weave ribbons under and over the spokes of the basket. Tie ribbon ends into a bow. 7. Line basket with a pretty napkin.

President Reagen recognizes entomology's importance

COLLEGE PARK, Md. — In a recent statement issued by the White House, President Reagan praised the work of entomologists and members of the Entomological Society of America for the important role they play in the daily lives of every individual.

"Our future well-being depends upon the success of your work...You have provided us with the knowledge we need in the production and protection of our food, clothing, and shelter, and you have identified those insects which are most beneficial to mankind," the president stated.

In the message, Reagan also acknowledged the remarkable record entomologists have "in the continuing discovery of insect behavior and in formulating mankind's defenses against harmful insect aggressions." The president thanked entomologists for their contributions and extended his best wishes for "continued success in the advancement of scientific knowledge."

The presidential message was presented to the Entomological Society of America in honor of their annual meeting, which will be held in conjunction with the Entomological Society of Canada and the Entomological Society of Ontario, Nov. 19 - Dec. 3 in Toronto, Ontario.

The Entomological Society of America is a non-profit, scientific organization of over 8,500 entomologists throughout the world. As the largest international association of entomologists, the Entomological Society of America promotes the science of entomology in all its subdisciplines, for the advancement of science and the benefit of society.

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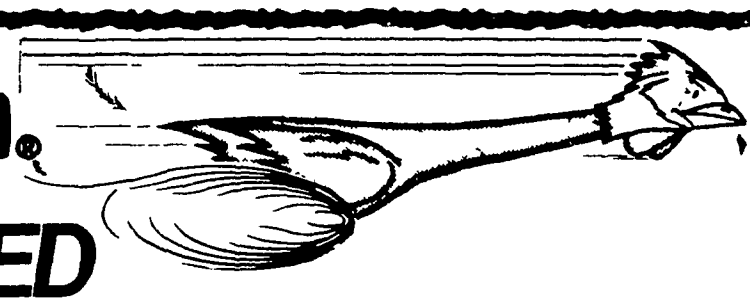

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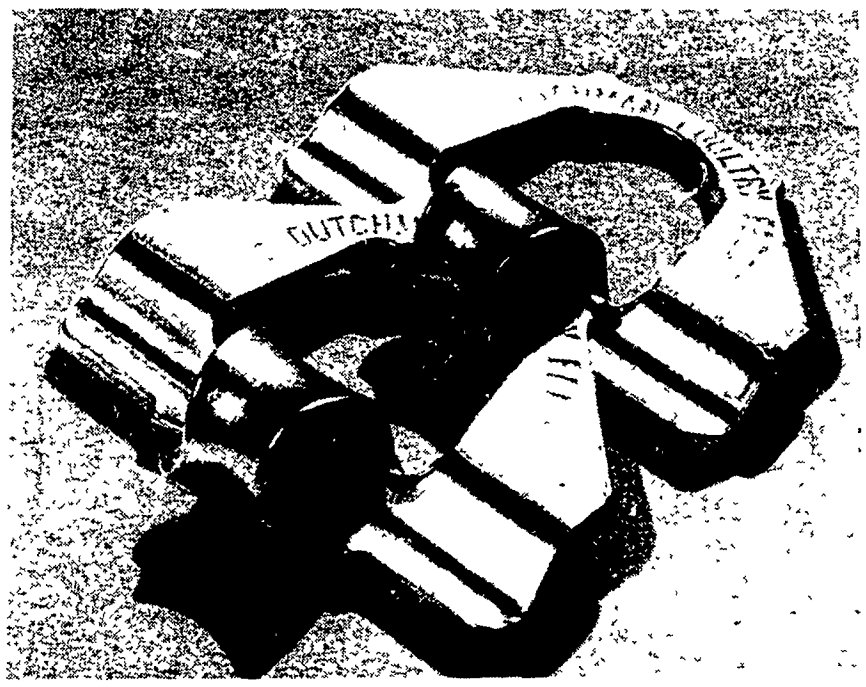

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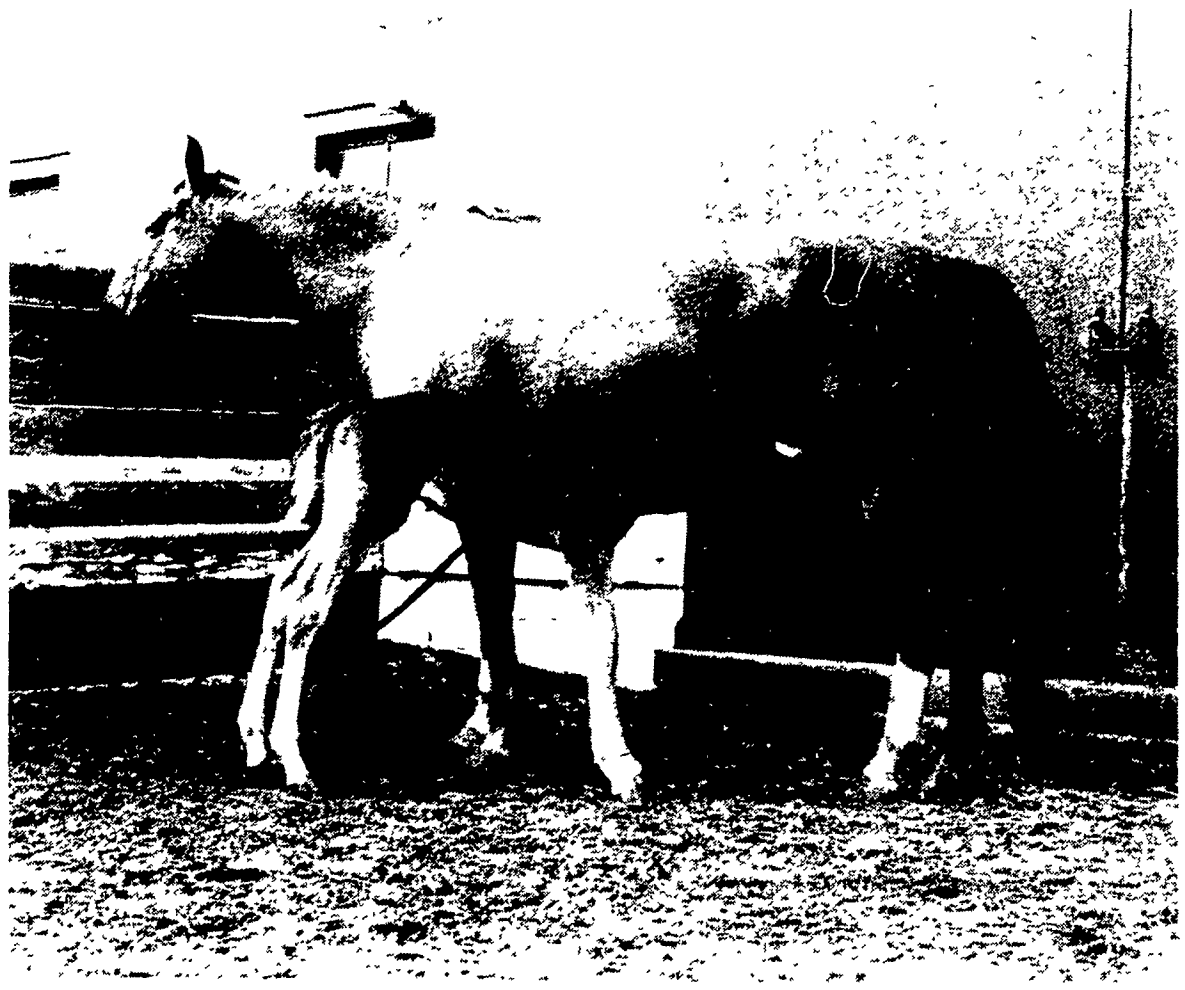

LANCASTER — Weaning is the process of separating a foal from its mare when it is mature enough to thrive on a normal diet.

Customarily, foals are weaned at about five to six months of age. But a weak or sick foal should not be weaned until it has completely recovered. Weaning almost always places a stress on a foal's system, causing a setback in growth, according to Extension equine specialist Dr. C.M. Reitnour.

There are two generally accepted methods of weaning, says Reitnour.

A foal may be kept in a stall on its own for a day or two after the mare has been removed to a distant section of the farm. After the foal has become accustomed to the separation, it is put in another pasture with other foals that have been weaned.

The second method is carried out in the pasture. One by one, each mare is removed from a large herd of mares and foals. This process has been very successful in large operations, Reitnour says, as it appears to cause the least disturbance to the foal. The new weanling ususally remains quiet and content with the remaining mares and foals.

Observe the foal after weaning, Reitnour advises. Give it adequate exercise and quality diet of grain and hay.

Watch closely for signs of illness. Make sure the foal is wormed every six to eight weeks to control common internal parasites — bots, ascarids, strongyles, and pinworms.

WORDS & MEANINGS

By D J Coates

Unmix the letters in the boxes to form a word. Then circle A, B or C for the correct meaning (or definition).
Score yourself as follows:
4 Correct-Excellent 2 Correct-Fair
3 Correct-Good 1-0 Correct-Poor

1. N O E H

A. WOODEN B DULL C SHARPEN

CLUE: A woodman's axe should be

2. N A R L U

A HILLY B MOONLIKE C FENCE

CLUE: The cow jumped over the ____

3. B O P A H I

A. FEAR B KNOWLEDGE C. CURIOSITY

CLUE: People have them about heights, closed spaces, etc.

4. L U G I E E B

A. SCRATCH B. CHARM C. TEASE

CLUE: Little girls, puppies & kittens do, among others

ANSWERS: 1. HONE-C 2. LUNAR-B 3. PHOBIA-A 4. BEGUILE-B

COLOR THIS!

1.	BLACK	6.	DK. GREY
2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	PEACH
5.	LT. GREY	10.	LT. GREEN

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A vintage time for American wines?

LANCASTER — Americans are raising their wine glasses more often — and roughly three out of four of those glasses are filled with U.S. wine.

Per capita, wine consumption has been on the rise for many years. In the early 1970's, adult Americans drank an average of about 2.6 gallons a year per capita. By 1981, consumption had climbed to 3.3 gallons.

This translates into more winemaking and increased grape output, especially in California, the largest grape-producing state.

"A total of 506 million gallons of U.S. and imported wine were shipped throughout the country in 1981," says economist Ben Huang of USDA's Economic Research Service. "This was up 5 percent from 1980 and almost 14 percent from 1979. Domestic shipments of U.S. wine rose to 391 million gallons last year and accounted for over 75 percent of the total."

Increased wine use may be partly due to more Americans taking up the European practice of drinking wine with meals, particularly dinner. But there are other reasons as well.

"Americans are becoming more knowledgeable about wines," says Jean Valentine of the Wine Institute. "Also, there's a trend away from the spirits (hard liquor). More people are drinking wine as a beverage."

Cashing in on the boom, the wine industry has sharply expanded since the late 1960's, and growers have planted more acres of grapes. In California, which produced 90 percent of all U.S. grapes last year, wine grapes take up almost half of the total grape acreage.

"California acreage of wine grapes increased from about 337,000 in 1980 to around 343,000 last year," Huang says. "However most of the expansion is due to a 38 percent increase in the acreage of young vines, some of which won't bear fruit for the next three years. The current bearing acreage has actually been decreasing over the last few years. Nevertheless, the new plants will ensure greater supplies in the future."

Huang is optimistic that the market can absorb further increases in production. "Per capita wine consumption is still rising. The main concern right now is competition from imports, which are capturing 23 percent of the U.S. market," he says.

Even though the outlook is for larger production in the years ahead, last year's crop was smaller than 1980's output because of extremely hot and dry weather. California harvested only about 4 million tons, down more than 1 million tons. The production of wine grapes fell 11 percent to around 1.8 million tons.

However, winemakers continued to meet the high demand by diverting more grapes to wine use. The proportion of the total crop used for wine rose from 54 to 57 percent.

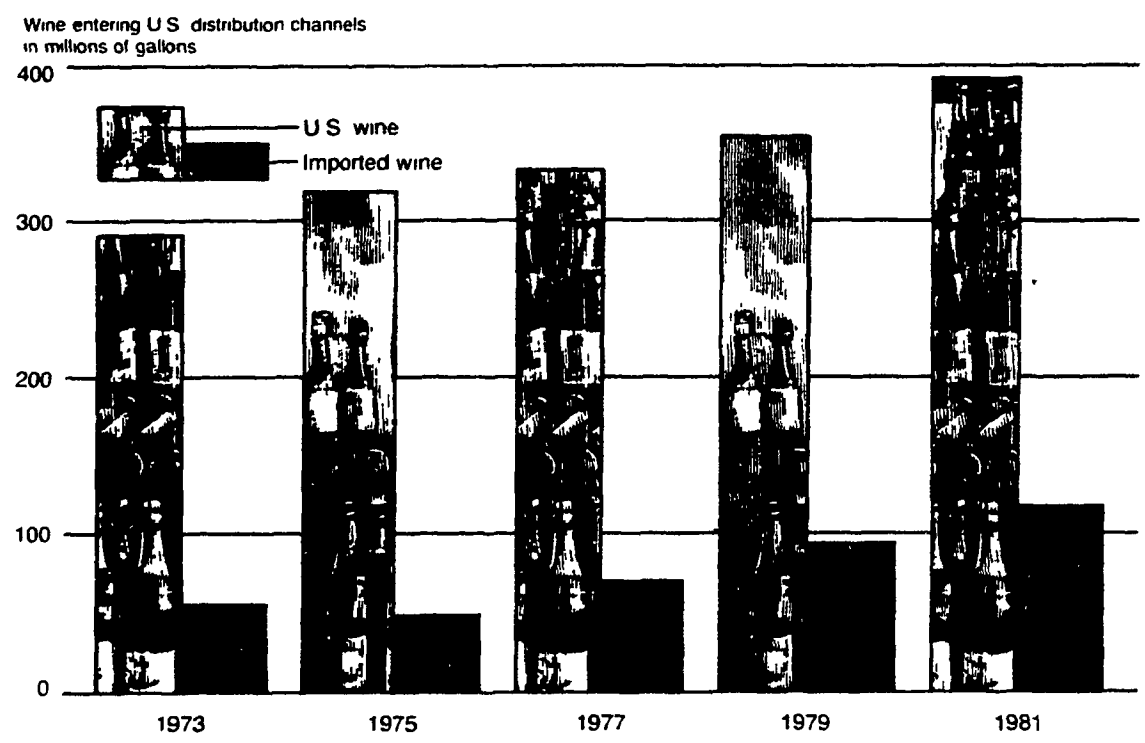
The 1982 crop looks more promising. An August survey placed California's total grape production at about 4.9 million tons. Wine grape production is projected at a record 2.1 million tons. 17 percent greater than last year and 5 percent above 1980's all-time high.

Americans may like the home-grown product, but U.S. wines are relative newcomers to world markets. Can our wines compete against traditional European wines with reputations built up over several centuries?

U.S. wine exports are still fairly small, but they're growing fast.

(Turn to Page B13)

Domestic Shipments of U.S. and Imported Wines Are on the Rise, with U.S. Wines Still Holding a Big Lead



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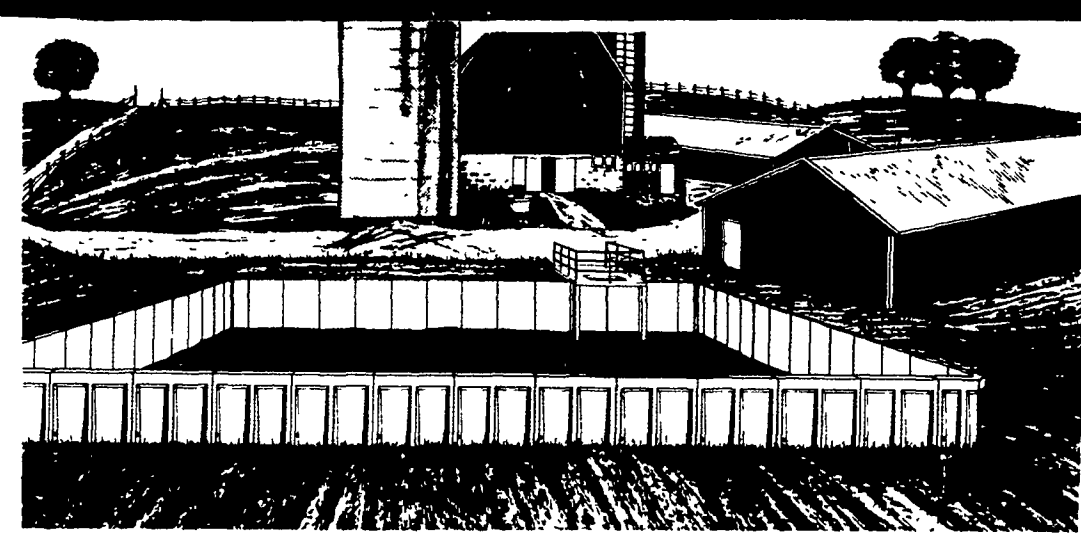

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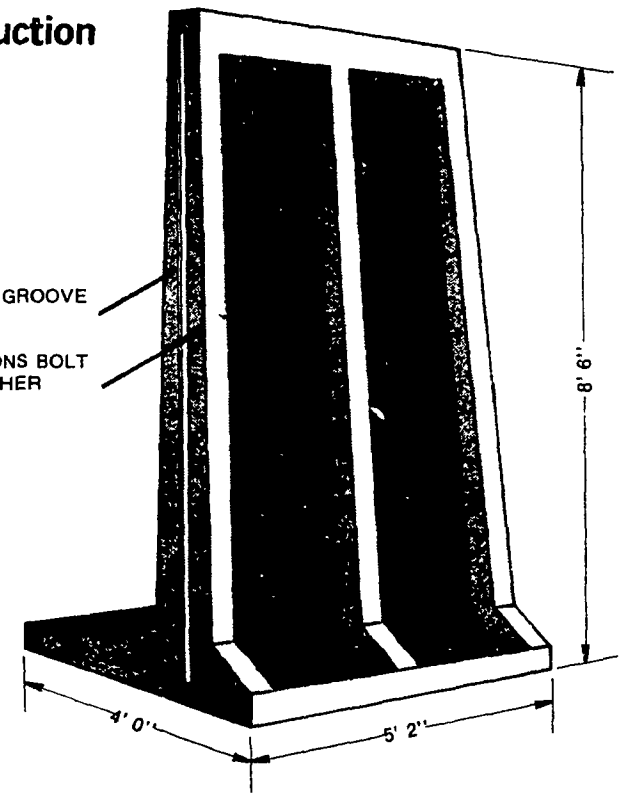

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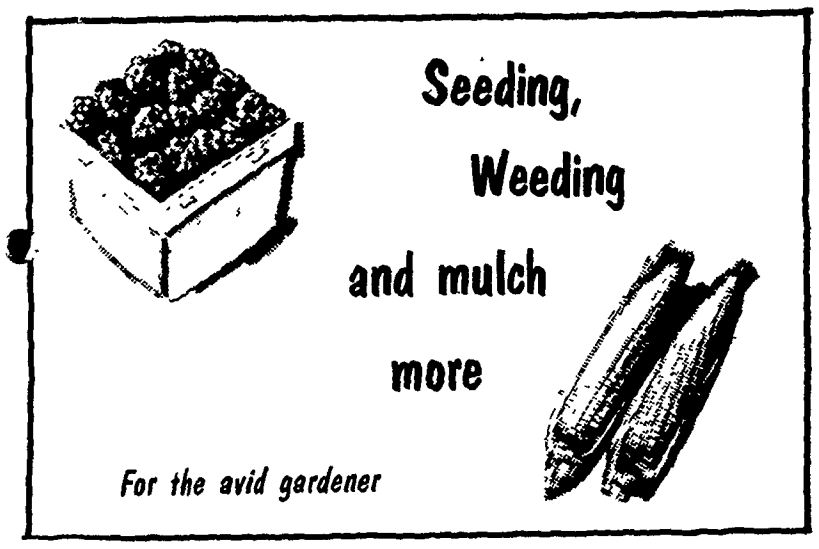

Winter Injury in Strawberries

Minimize plant injury in your strawberry bed this year by mulching.

If you applied a weed killer in early fall either irrigate or cultivate, or wait until a half inch of rain has fallen before applying the mulch.

The settled mulch cover should be three to four inches thick (two or three weeks after application) but loose enough so that it doesn't mat or pack and thus smother plants. Add the mulch in early December to protect your strawberries this winter.

Any exposed plants should be recovered with mulch. A snow fence wind break will reduce excessive wind exposure. Crown injury will occur where plantings were not properly mulched, were exposed to wind or were oversupplied with nitrogen and moisture in the early fall.

Remove Asparagus Tops

Tops of asparagus bush should never be disturbed until they are actually dead. They may become yellow before they are completely dead.

Transfer of plant materials from the tops to the storage roots goes on practically as long as life remains in the stalks. If the tops are removed too early, the next year's crop yield is reduced. In late November gardeners should cut off asparagus tops several inches above the ground. You can see the tops for a mulch if they are not diseased.

Penn State's judging team wins at KILE

Penn State's livestock judging team won top honors in intercollegiate contests at the Keystone International Livestock Exposition held recently in Harrisburg. In winning the championship, the team was first in beef cattle and second in sheep. Left to right are the coach, Erskine H. Cash, Jack D. Shanks of Mocksville, N.C.; Timothy M. Ziegler of State College; Jay W. Temchack of Bellefonte; Dawn E. Jones of Chester; R. Scott Davenport of Montrose; P. Lance Emick of Fombell; and Ken L. Winebark, assistant coach and graduate student in animal industry.

Vintage time

(Continued from Page B12)

According to Huang, last year's exports rose 36 percent from a year earlier, to 10.7 million gallons, still only about 2 percent of U.S. wine production. Total value was $42 million, a 42 percent jump from 1980.

For years, Canada has been the largest export market for U.S. wine. According to the Wine Institute, that country bought more than 5.5 million gallons in 1981, up 20 percent from the previous year. England came in second with over a 100 percent gain, to more than 1 million gallons. Colombia ranked third with about 402,000 gallons — a 678-percent leap from the 51,708 it took in 1980.

The growing reputations of California wines, rising prices for traditional European wines, and vigorous sales campaigns by U.S. exports and wineries are at least partly responsible for the increased export sales of U.S. wines.

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Lebanon 4-H horse program honors members

Fred Brandt, owner of Brandt's Mill and Saddle Shop and sponsor of the grooming and showmanship awards, presents trophies to recipients Megan Burrichter, 13, of Annville and Darryl Baer, 18, of Bethel.

Karen Higgins of Lebanon, left, coach of the Lebanon County Horse Bowl Team, presents her members a plaque for achievement at the annual horse banquet. The team, which includes Carla Ditzler, 17 of Jonestown, Robbie Shindel, 17, of Lebanon, and Lisa Weikel, 19, of Jonestown, placed first at Regional 4-H day in Carlisle this summer.

Equitation winners from the Lebanon County Round-up were honored at the annual banquet for individual placings. Winning were, from left, Megan Burrichter, saddle seat, junior division; Effie Baer, 10, Bethel, hunter seat not to jump, in the junior division; second row, Brenda Miller, 14 of Lebanon, stock seat in the junior class; Carla Ditzler, hunter seat over jumps in the senior division; and Bonnie Gischel, 17, of Jonestown, stock seat in the senior class.

The horse judging team, coached by Judy LeRoy of Annville, left, placed sixth at state achievement days at Penn State. Honored at the 4-H horse banquet were, first row from left, Leslie Hummer, 13; Kris Lehn, 13, of Lebanon; second row, Megan Burrichter, Annville; Jackie Brown, Lebanon; and Margot LeRoy, 17, Annville.

Buck season opens Monday

HARRISBURG,—Pennsylvania deer hunters, accustomed in recent years to whitetail harvests of over 100,000 animals, should have another good season this year, according to reports filed by Game Commission field officers.

The regular two-week antlered deer season will open one-half hour before sunrise Monday, Nov. 29, and close at sunset Saturday, Dec. 11. The regular statewide antlerless deer season is scheduled Monday and Tuesday, December 13 and 14, and the winter archery-flintlock season follows from Dec. 15 through 18.

Virtually every district game protector in the state rates whitetail hunting prospects as either "excellent" or "good" this year. In 1982, as in most recent years, Pennsylvania's pre-hunting season deer population numbers about three-quarters of a million whitetails.

Last year hunters reported taking 73,322 bucks and 75,208 antlerless deer. Both the buck kill and the total harvest were the third largest on record. The total harvest was the biggest in 41 years.

The exceptionally large harvest of 1981, plus a higher-than-anticipated antlerless kill by flintlock hunters and larger-than-normal winter losses, are expected to result in fewer deer being taken this year. Wildlife managers are hoping for reported harvests of 63,000 bucks and 60,000 antlerless deer.

Food shortages could develop in case of a severe winter, which some forecasters are predicting, and an underharvest of deer this fall could result in excessive winter mortality.

All deer hunters must wear at least 100 square inches of fluorescent orange material, either on the head, or on the chest and back combined. Both fluorescent orange caps and vests or coats are recommended by the Game Commission, not only for safety, but also to make it easier to keep tabs on other drivers and watchers.

A hunter may take only one deer per hunting license year in Pennsylvania, and he or she cannot kill, or attempt to kill, a second whitetail in the same license year.

To be a legal buck, a deer must have two or more points to one antler or have one antler at least three inches long. Not more than 25 persons are permitted to hunt deer in a single party, and groups of five or more hunting whitetails in unison must maintain a big game hunting roster.

Hunters must tag their deer within one hour of killing and before the animal is removed from where it was taken. A detachable deer carcass tag is provided as part of each hunting license. The tag must be separated from the hunting license and properly filled out.

This year the carcass tag must be attached to the deer with a separate ear tag strip furnished with each hunting license.

There is a series of numbers on the strip tag to indicate the month, date and hour of the kill. Three triangular notches must be removed from the strip to show when the deer was taken.

The back of the strip is covered with adhesive and backing material, and divided into sections A and B. Section A backing should be peeled from the strip, and the carcass tag attached.

A slit must be made with a knife about half an inch from the side, near the base of an ear. Section B of the strip should be fed through the slit. The backing should then be removed and the end of the strip brought up and around the edge of the ear. The "B" section is then joined together by pressing the adhesive surfaces to each other.

If the slit is made in the hairy part of the ear, competent taxidermists can easily prepare a trophy mount. If the slit is made where there is no hair, it could mean additional taxidermy work and expense.

The tag and strip must remain attached to the ear of the deer until removed by a licensed taxidermist, or until the head is discarded.

Successful hunters must complete and mail the big game kill report card furnished with the hunting license to the Game Commission within five days of the harvest.

York holds capon round-up

YORK — The York County 4-H Capon Round-up was held recently at the 4-H Center in Bair with 19 birds being sold for an average of $2.26.

The champion capon was shown by Robin Shive of Seven Valleys, while her older sister, Chris Shive, showed the reserve champion.

Robin's champion bird sold for $4 a pound and was purchased by Miller's Yorkshire Farm of Seven Valleys. The reserve champion sold to W.L. Mummert and Co. of Hanover for $2.70 per pound.

Other buyers included: John Kann, Charles Hess, Darlene Godfrey, Geary Huntsberger, W.L. Mummert, Wayne Fitz, George Shenberger, Niles Shearer, John Miller, George Livingston, Steve Ebersole, Miller Yorkshires, Dover Lion's Club and Carla Shermeyer.

Hunterdon Co., N.J. 4-H'ers elect

FLEMINGTON, N.J. — Members of Hunterdon County's Goat Gang and Mt. Airy Dairy clubs elected officers recently for the upcoming year. Elected were:

—Goat Gang: president, Alison Edwards; vice president Jennifer Edwards; treasurer, Jeff Van Duyne; and secretary Denise Robbi.

—Mt. Airy Dairy: president, Janet Rogers; vice president, Ted Hildebrant; corresponding secretary, Susan Kuehn; recording secretary, Kenny Rogers; treasurer, Gretchen Kuehn; assistant secretary, Paul Hunt; dairy council delegates: Janet Rogers, Ted Hildebrant and Gretchen Kuehn.

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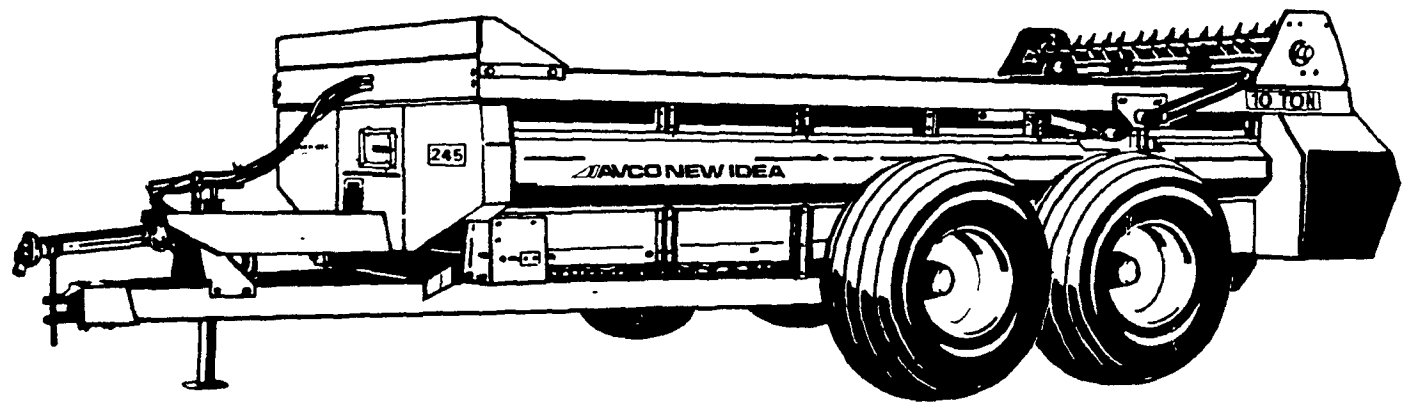

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Nat'l Grange stresses legislative changes

PROVIDENCE, R.I. — Delegate action during the recent National Grange's 116th Annual Convention resulted in proposals geared to amend several existing national and regional policies as well as create new policies.

"Immediate action must be taken on a national promotion program for the dairy industry to increase sales," declared Edward Moody, Grange ag committee chairman. "A multipronged attack is needed in coping with the problem of surplus production."

Consequently, the Grange supported legislation to authorize the establishment of a national dairy product promotion program which would be financed through a five-cent per hundredweight mandatory checkoff on all milk marketed.

Other actions called for significant reduction and enforcement on dairy imports. In addition, Grange leaders stressed the need for the "Real Seal," and added that all imitation products must be labeled as such and not displayed in the same cases as the real dairy products.

The delegates agreed the national standard for milk should be reviewed and adjusted to reflect higher butterfat and solids-non-fat content.

The Grange recommended a dairy pricing system which would operate on a two-tier basis, similar to the National Milk Producers Federation proposed dairy price stabilization program.

A resolution was passed which suports legislation that would provide the Commodity Credit Corporation with the authority to extend export credit programs at an interest rate comparable to the credit and interest rates on commercial sales being offered by foreign competition.

In the opinion of the Grange it is now time to increase the effectiveness of the 1983 Wheat Program by calling for a 25 percent acreage reduction which includes a 10 percent diversion. The current Wheat Program has been announced at 15 percent voluntary and a five percent paid diversion.

In other resolutions, the Grange recommended increased research to control and eradicate poultry diseases and parasites as a result of poultry industry indications that some disease and parasites are becoming immune to existng medication and sprays.

The costs of farming were dealt with in several perspectives during the Grange convention, particularly concerning young farmers.

Delegates expressed concern that few incentives exist for young farmers to enter into agriculture. A resolution was passed urging the Farmers Home Administration to give preference to loans to new entry farmers rather than for the funding of expansions.

The Grange did not support offsetting compliance between farms, but in order to have farm programs meet their supply management objectives, there is support in the Grange for cross-compliance requirements for programs on the same farm. While the Grange opposed cross-compliance between conservation and production adjustment programs, it encourages all farmers to perform prudent conservation. Furthermore, the national delegates proposed that land diverted from agriculture production under the farm program be eligible for conservation cost-share practices.

Inasmuch as the nesting of tobacco is becoming a serious problem to the purchaser of tobacco, the Grange will call upon the U.S. Secretary of Agriculture to establish penalties for nesting offenders. In addition, the Grange proposed the 1983 basic flue-cured tobacco quota be maintained at the 1982 level of 1.013 billion pounds and that the price support for 1983 be frozen at the 1982 level of $169.90 per hundredweight for a period not to exceed two years.

Cutting red tape recieved high priority at the National Convention. Delegates passed resolutions to urge Congress to amend Section 404 of the Clean Water Act. This amendment would permit states to delegate emergency powers to local authorities to remove debris from rivers and tributaries when local authorities deem it necessary.

The permit process from the Corps of Engineers, now required for such debris removal, can take days or weeks to process. The delays can cause damage to bridges, fences and irrigation headgates as well as cause erosion.

Delegates also gave major consideration to the contamination of the Cheasapeake Bay by nutrient loading. A resolution called for coordinated work with any concerned organization in developing a program to get additional funds targeted for the Cheasapeake Bay and Lake Erie drainage area to develop and implement conservation plans, encourage conservation tillage and provide funding for more research by land grant colleges to develop better soil tests and recommendations.

Grange delegates urged that the federal government encourage export grain sales. They said policy decisions concerning these sales should be made by the U.S. Department of Agriculture when possible rather than by the State Department.

Regarding the sanctity of agricultural export contracts, the Grange continues to oppose trade embargoes as a first choice of action. However, should all other choices fail short of military action and a trade embargo becomes the only alternative, the National Grange would urge the federal government to embargo all products, agricultural, industrial and technical, instead of specific agricultural commodities.

The delegates said, "The U.S. often gives more than its share in supporting other countries, thereford, we propose that countries needing aid should apply to the United Nations and if approved, all U.N. nations should give aid." The Grange further urged that agricultural products be sent to foreign countries in lieu of dollars when practical.

KILE lists Stockman winners

The Pa. Livestock Assn. sponsored the Keystone Livestock And Meats Stockman Contest at the Keystone Livestock Exposition, Harrisburg, on November 8.

The contest had 615 preregistered 4-H and FFA members from 6 states. This was the largest livestock judging contest held in the east.

The contestants had to judge 3 classes of Beef Cattle, 3 classes of Swine, 2 classes of Sheep, identify 10 feeds used in livestock feeding, 10 items of equipment used in the livestock industry, a quiz on livestock management, judge a class of retail meat cuts, a class of wholesale meat cuts and identify 20 retail cuts of meats as to specie, wholesale, retail and method of cooking; a total of 15 classes in all.

The contestants were awarded premiums, trophies and ribbons worth over $2500 which were donated by the Pa. Livestock Assn., Elanco Co., Pennfield Feed Co., York Co. Pork Producers Assoc., and the York Co. 4-H Beef Club. The winners are as follows in the individual category.

BEEF

1 Steve Roadcap, Va., 2 John Eberly Pa., 3 Craig Coulter, Pa., 4 Brian Zechman, Pa 5 Bob Mikesell Pa

SHEEP

1 Vincent Cebular Pa 2 Randy Musselman, Pa 3 Mame Long Pa 4 Lester Holtzinger Pa 5 Andrew Hess Pa

SWINE

1 Willi Wilson Pa., 2 Edward Keeny Pa., 3 Matt Snyder Pa 4 Tim Staub Pa., 5 Krista Rankin, Pa

MEATS

1 Julie Myers Pa 2 Chris Shive Pa 3 Tim Ferrence, Pa 4 Steve Roadcap Va 5 Tim Flory Pa

Team winners were as follows

1 York Co., 4-H Pa Melissa Trostle Red Lion, Julie Myers Wellsville, and Tim Flory Red Lion

2 York Co 4 H Pa Bill Wise, Spring Grove, Bob Livingston Dover, and Chris Shive Seven Valleys

3 Augusta Co 4 H, Va Stanley Roadcap Steve Roadcap and Anita Weaver

4 Lehigh Co 4-H, Pa Bonnie Wessner Cheryl Wessner, and Willi Wilson

5 Louden Co 4 H, Va Mark Holliday, Ruth McCall and Marilyn Adams

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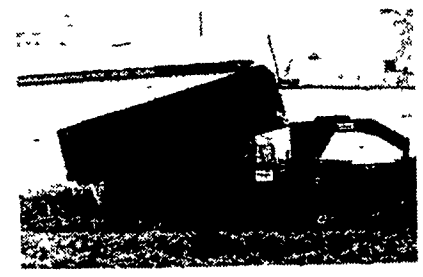

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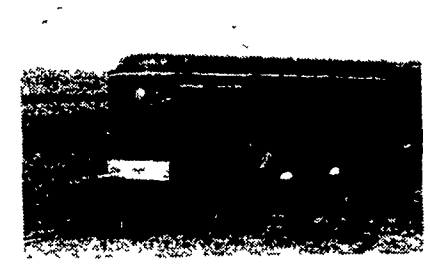

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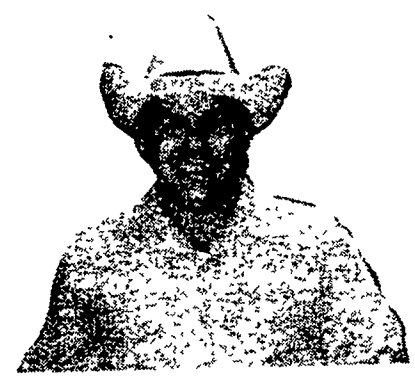

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Control bots in horses

NEWARK, DEL. — Horses are affected by more than 75 internal parasites which inhabit nearly every organ. They are so widespread that no horse escapes them. A carefully planned program of parasite control is essential for the health and well-being of every horse, according to University of Delaware Extension equine specialist C.M. Reitnour.

Bots attach themselves with spiny mouth hooks to the lining of a horse's stomach, causing inflammation and interfering with digestion. Infested animals often suffer from colic or other gastric disturbances. The larvae feed on the horse's stomach wall. Several hundred larvae may be found in the stomach of one animal.

To prevent injury from bots and other parasites, clean stalls at least once a week and add fresh bedding every day. Feed hay and grain from manure-proof bins, never from the ground.

Rotate pastures if possible, Reitnour says, and drag pastures to break up droppings. Move the water tank and salt block to a clean area every week.

Feed the horse recommended anthelmintics to interfere with the parasites' capacity to lay fertile eggs. It's also necessary to treat the animal every 6-8 weeks with dewormers. Now is a good time to treat for bots, Reitnour says.

Three of several recommended wormers are carbon disulfide, trichlorfon or dichlorvos. It's best to rotate the use of various chemicals to keep bots from developing an immunity to a particular chemical. Follow label directions carefully.

Protect horses with a well-planned parasite control program, Reitnour says. Don't let bots and other parasites ruin an animal's health and appearance.

'83 Agronomy Guide available

UNIVERSITY PARK — The 1983-84 Agronomy Guide published by the Penn State Cooperative Extension Service is available for $2.

The Agronomy Guide contains information and suggestions concerning soil use and is designed for easy reading and quick reference.

The new Guide includes sections on soil fertility, corn, small grains, weed control, forage crops, no-till planting, erosion control and insect and disease control.

John E. Baylor, Extension agronomist, was general chairman of the staff which produced the Agronomy Guide.

Copies of the Guide may be purchased from any county Extension office.

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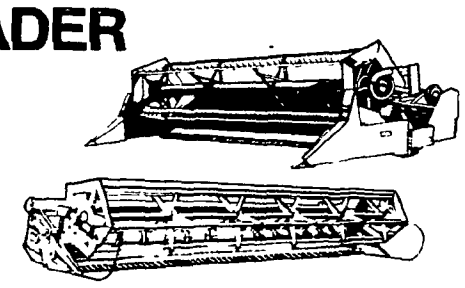

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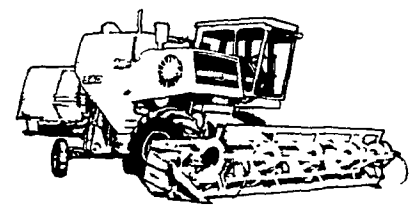

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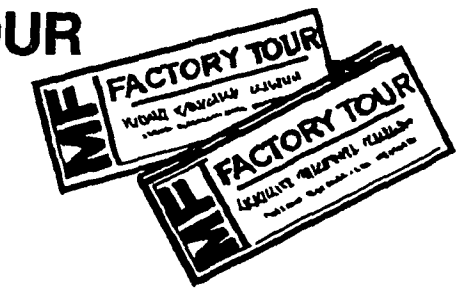

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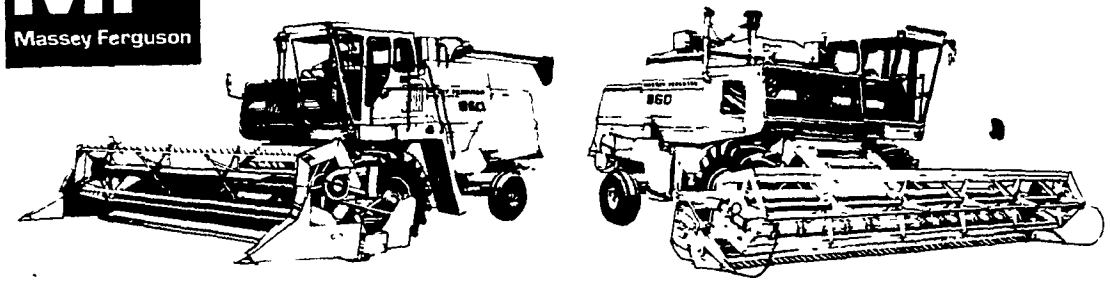

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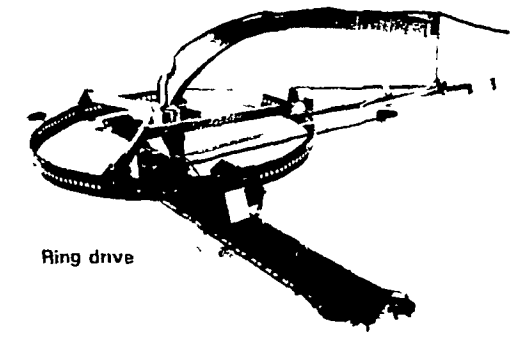

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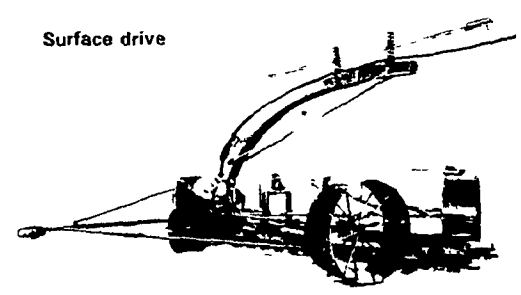

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"I Dare You" awards were presented to, from left, Todd Waite, Orrtanna; Laurie Meyers, Gettysburg; Jodi Boyer, East Berlin; and Rhonda Weigle, Heidlersburg. Each recipient received a copy of the William Danforth "I Dare You" award book.

Adams 4-H'ers receive achievement awards

GETTYSBURG — Adams County 4-H'ers were honored for their accomplishments and achievements at the 1982 4-H Achievement Night, Thursday, Nov. 11.

Mindy Bobo, Bendersville, last year's recipient of the "I Dare You" award, presented "I Dare You" Awards to ten fellow 4-H members challenging them to become active in 4-H. Recipients included Laurie Meyers, Todd Waite, Beth Bishop all of Gettysburg; Rhonda Weigle, Heidlersburg; Jodi Boyer, East Berlin; Dawn Deitrich, McSherrystown; TomMcFeaters, New Oxford; Tad Kuntz and Jim Behney, York Springs and Skip Tyson, Idaville.

The Rose Murren award is presented to an Adams County 4-H member who has given service to the 4-H program and has not been fully recognized for his/her leadership abilities through other award programs. The recipient was Kathy McFadden.

the ABC Williams award was presented to Bill Baral, Heidlersburg to recognize his devoted service to the 4-H program.

Marie O'Brien, Gettysburg, was presented the William Miller Award, an honor that instills pride and respect for 4-H work and its importance in the development of the individual.

The Lois E. Smith Award was presented to Amy Sherman, Abbottstown to recognize her achievement in 4-H projects, committment to the ideals of the 4-H program and her appreciation for nature.

(Turn to Page B20)

Marie O'Brien, Gettysburg, and Amy Sherman, Abbottstown, were honored with special leadership awards at 4-H Achievement Night, Nov. 11. Marie received the Bill Miller award and Amy was the recipient of the Lois Smith award.

"I Dare You" awards were presented to, from left, Skip Tyson, Idaville; Tad Kuntz, York Springs; and Jim Behney, York Springs. Absent were Dawn Deitrich, McSherrystown; Tom McFeaters, New Oxford; and Beth Bishop, Gettysburg. Each recipient received copy of the William Danforth "I Dare You" award book.

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R D. 1
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A.B.C Groff, Inc.
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M&R Equipment Inc
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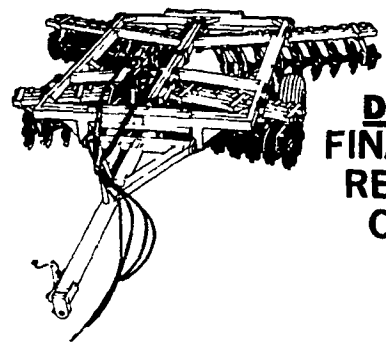
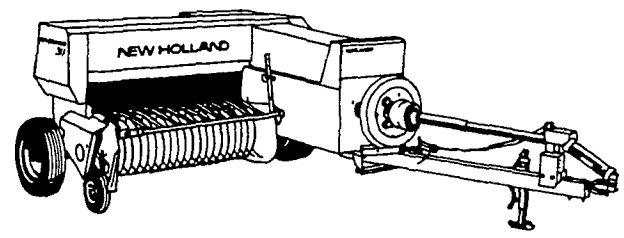
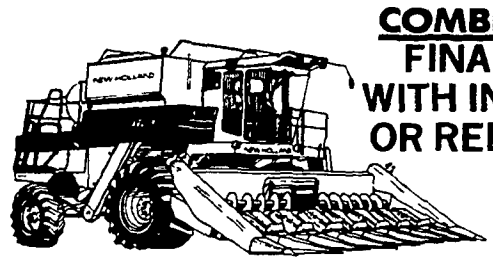
LOADERS: WAIVER OF FINANCE TO 4/1/83 WITH INTERIM PAYMENT OR REBATES FOR CASH OF $500 TO $650



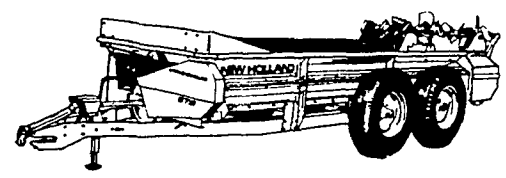
DISKS: WAIVER OF FINANCE TO 3/1/83 OR REBATES FOR CASH OF $350 TO $900.

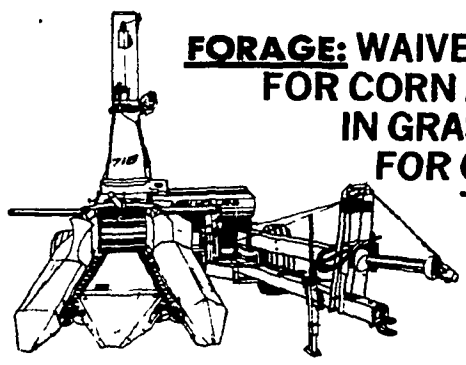


HAY TOOLS: WAIVER OF FINANCE TO 7/1/83 OR REBATES FOR CASH OF $1600 TO $100

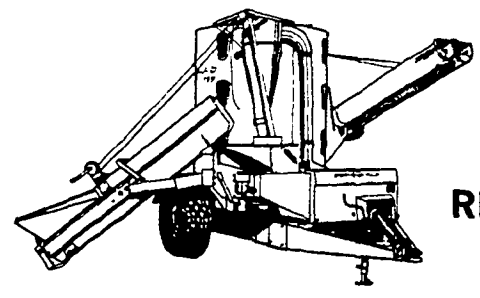


COMBINES: WAIVER OF FINANCE TO 11/1/83 WITH INTERIM PAYMENT OR REBATES FOR CASH OF $6000





FORAGE: WAIVER OF FINANCE TO 9/1/83 FOR CORN AND 6/1/83 FOR USE IN GRASS OR REBATES FOR CASH OF $300 TO $5000



SPREADERS / GRINDER-MIXERS: WAIVER OF FINANCE TO 4/1/83 OR REBATES OF 5% OF CASH PAID TO DEALER

Adams 4-H'ers receive awards

(Continued from Page B18)

Senior Blue Form winners were recognized and presented medals for their respective categories. Winners are: achievement - Kathy Durboraw, Gettysburg; Kathy McFadden, Gettysbur Carol Hobaugh, Hanover; ristine Kump, Aspers; agric ture Ed Wilkinson, Gettysbur Kevin Diehl, Fairfield; Marg.ret Todt, Hanover; Erik Quanbeck, Fairfield; beef, Kevin Diehl, Fairfield; Erik Quanbeck, Fairfield; Mike Spangler, Gettysburg; Dennis Flickinger, Gettysburg; citizenship, Kevin Reaver, Littlestown; Angel Dunchack, Littlestown; Mindy Bobo, Aspers; clothing, Michele King, York Springs; Christine Renoll, Aspers; Kathy McFadden, Gettysburg; Bonni Bishop, Gettysburg, conservation of natural resources, Tom Dunchack, Littlestown; Judy Furlong, McSherrystown; consumer education, Michele King, York Springs; dairy, Margaret Todt, Hanover; Kathy Durboraw, Gettysburg; Laurie Ridinger, Biglerville; Carol Hobaugh, Hanover; dairy foods, Laurie Ridinger, Biglerville; foods nutrition, Judy Furlong, McSherrystown; Bonni Bishop, Gettysburg; Carol Clowney, Gettysburg; Kathy McFadden, Gettysburg; gardening, Cris Mickley, Orrtanna; Amy Sherman, Abbottstown; Carol Clowney, Gettysburg; William Weller, Arendtsville; home environment, Marie O'Brien, Gettysburg; Kathy McFadden, Gettysburg; Terri Myers, Gardners; Tina Hawn, Gettysburg; horse Angel Dunchack, Littlestown; Amy Sherman, Littlestown; Sue Hall, Littlestown; Kim St. Peter, Abbottstown; leadership, Christine Renoll, Aspers; Angel Dunchack, Littlestown, Kathy Duroboraw, Gettysburg; Amy Sherman, Abbottstown; poultry, William and Ken Shetter, Gettysburg; public speaking, Angel Dunchack, Littlestown; Judy Furlong, McSherrystown; safety, William Baral, Biglerville; William Weller, Arendtsville; Tim Fetrow, York Springs; Mike Spangler, Gettysburg; veterinary science, Amy Sherman, Abbottstown; fashion revue, Christine Renoll, Aspers; Kris Ruppert, Biglerville; Angie Hawn, Gettysburg; Kathy McFadden, Gettysburg; Lori Legg, Gettysburg; Michele King, York Springs; Jackie King, York Springs; Rhonda Weigle, Biglerville; personal development, Kevin Reaver, Littlestown; Outstanding 4-H'ers, Kathy McFadden, Gettysburg; William Baral, Biglerville.

Michele King, York Springs, was also recognized as a Keystone winner in blue forms in consumer education and will receive an all-expense paid trip to Chicago.

F.W.S. Calendar

Saturday, Nov. 27

Lancaster Society 5 meets to hear Nevin Zuck give a Thanksgiving message

Tuesday, Nov. 30

Lancaster Co. Society 27 meets at the Mennonite Home near Park City Mall

Thursday, Dec. 2

Lancaster Society 20 meets for a Christmas party

Friday, Dec. 3

Lancaster Society 14 meets at the Historic Strasburg Inn for the program, "Medley of Christmas Legends"

Berks Society 6 to hold a Christmas party

Saturday, Dec. 4

Lancaster Society 12 meets for a Christmas party at the Lion's Community Building in Millersville

Lancaster Society 1 meets for morning service at Founders Hall in Hershey

Lancaster Society 10 meets for a Christmas party at the home of Wanda Cox

Lancaster Society 17 meets for Christmas party at the Chestnut Level Church House

Lancaster Society 6 meets at the Church of the Brethren to entertain families with "The Popcorn Story"

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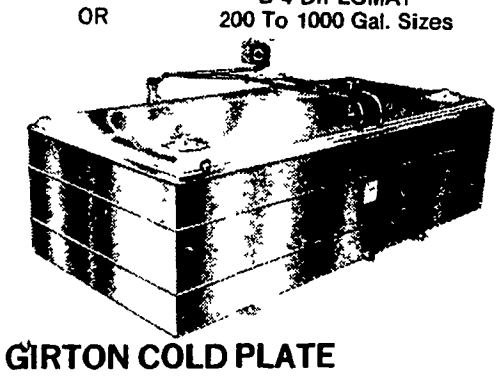

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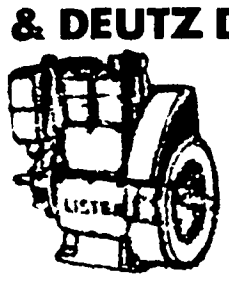
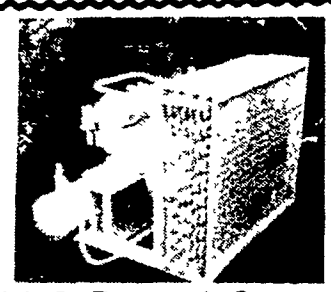


2 Cyl. F2L-912



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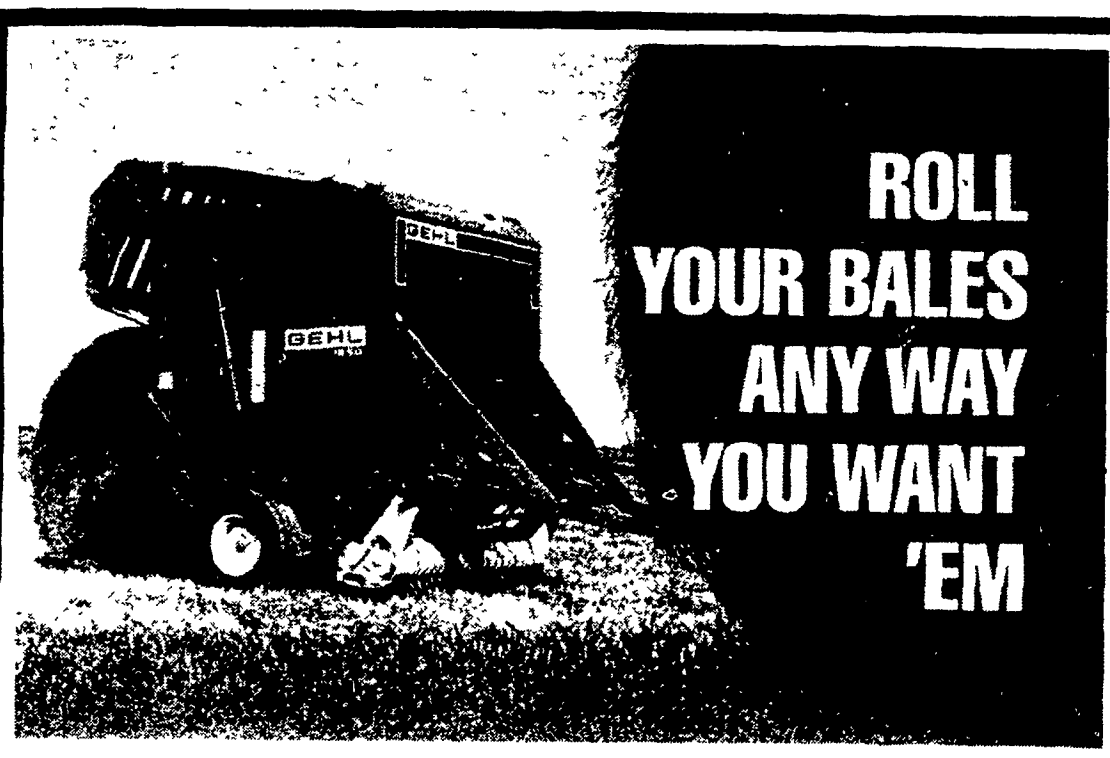

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Power-Feed Throat for fast positive bale starts

Our Power-Feed Throat with aggressive hay pickup gives you quick bale starts and allows you to travel at fast ground speeds. This positive feed flow is a real advantage in tough baling conditions.

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Food Safety Critical

Food bacteria never take a holiday. In fact, they are just as busy during the Thanksgiving holiday as they are on the 4th of July. Thanksgiving is a time for cooking special foods, entertaining guests and changing from everyday routine. Don't let this carefree atmosphere trick you into forgetting food safety precautions.

After you finish your Thanksgiving grocery shopping, rush your food home where you can put it in the refrigerator or freezer. Do not let your groceries sit in a warm car while you run other errands. Remember to keep hot foods hot—above 140 degrees Fahrenheit—and cold foods cold—below 40 degrees Fahrenheit—to prevent bacteria growth.

Wash your hand with soap and hot water before handling any foods. After handling raw meat, fish, poultry or eggs, wash hands, utensils and flat surfaces with soap and hot water before working with other foods. Remove stubborn bacteria from a cutting board by scrubbing it with soap, rinsing it in hot water and then applying chlorine bleach.

Roasting a turkey for Thanksgiving? Cook it completely to an internal temperature of 185 degrees Fahrenheit. Never partially cook a turkey and plan to finish cooking it later. Bacteria can survive in partially-cooked poultry and staph bacteria may produce toxins.

Remember to cook the turkey stuffing thoroughly, too. If you plan to stuff the turkey, cook it until a thermometer inserted into the stuffing reaches at least 165 degrees Fahrenheit. Bacteria grow rapidly in lukewarm stuffing.

Freeze foods promptly. Don't let huge quantities of party leftovers fill your refrigerator for days. Plan in advance for ways you can use the foods. The freeze the rest. If in doubt about a leftover food throw it out. Food poisoning does not necessarily have a bad smell or taste. Just because food doesn't seem spoiled doesn't mean it is safe to eat.

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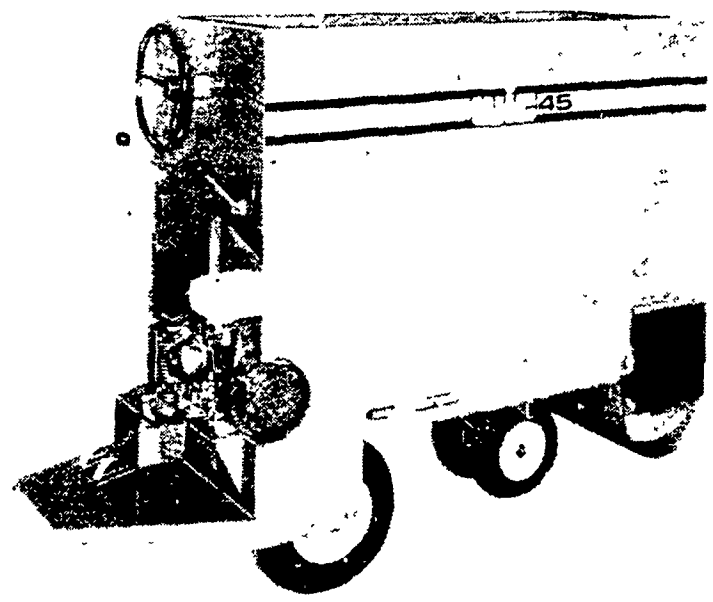

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Wheels	16" diameter pneumatic
Capacity	1-bale/minute
Dimensions	31" width — 50" length
Weight	460 lb
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The WIC Bedding Chopper chops straw hay corn & soybean fodder and spreads it uniformly under your cows whether in comfort stalls or free stalls When you use chopped bedding you save on straw and your cows stay much cleaner

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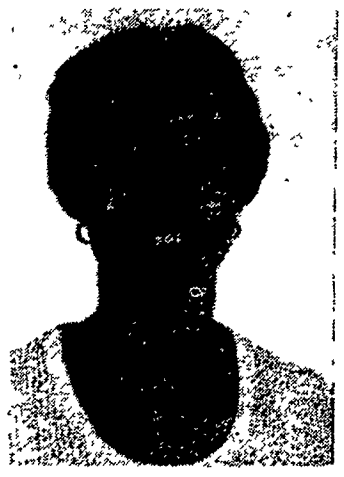

On being a farm wife -And other hazards

Joyce Bupp

Once in a while, just occasionally mind you, it's kind of fun to play around at seeing how the "other side" lives.

And so it came about that, in pursuit of study of the ways of the leisure, jet set, I found myself seated, mid-morning, with a quiet gathering of seven other ladies. (Maybe not exactly quiet, but chattering and laughing with discreet, good taste, as befitting our surroundings.)

Dairy farm wives, we found the atmosphere of the coffee shop of the Sheraton hotel a pleasant, diversionary change from the usual hustle of a farm kitchen.

Atlanta, largest city in the state of Georgia, had been chosen as the site of the annual meeting of our milk marketing cooperative, Dairymen, Inc., to which every member family is invited to attend. Many of us had arrived a day early, since our husbands were to attend a preliminary meeting scheduled ahead of the general sessions.

Sure, we could have attended that delegate meeting along with the men. Wives, in fact, are encouraged to do just that.

But, there's this newly-developed shopping complex in downtown Atlanta, and it's just a short subway hop from the hotels, and it isn't often that we get to putter around a big metropolitan city, and...well, you get the picture.

Thus, a casual invitation had grapevined to the women of the group: anyone wishing to join an informal shopping expedition could meet in the hotel lobby at 8:30 a.m. for breakfast together, a fellowship time to gather sustenance for the downtown trek.

Ah. What luxury.

No rushing around to gather lunch money, or writing notes for bus passes, or lost homework. No burned bacon, or jelly sticking to the table, or thawing bread because the last loaf had been left in the freezer.

Instead, it was seating by a hostess, and persuing a menu of items that we would neither cook, nor clean up afterward. And that ultimate high in eating out, having someone wait on you.

Then, in one split second, the enjoyable camaraderie turned chaotic.

And with a crashing, smashing and splashing, the waiter who'd been setting glasses of ice water around to our group tripped, dumping a cascade of chilly water down over the backs of friend Betty Cole and me.

Talk about your cold, wake-up shower in the morning.

After sitting in stunned shock for a few brief moments, the cold water oozing down the chair backs and seeping through layers of clothing, we dissolved into giggles and dripped our way back to the elevator for a costume change.

Never again will I believe anything I hear about the "warm, sunny" Southern weather.

It was the only convention we've ever attended on which it rained the entire time.

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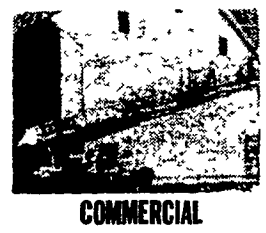
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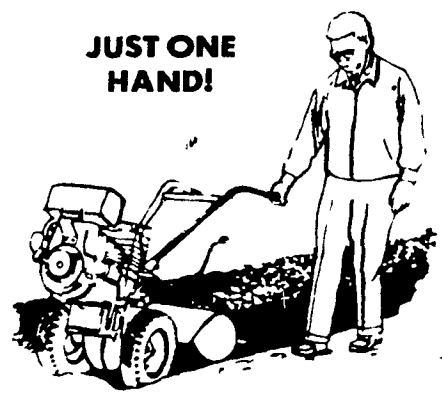

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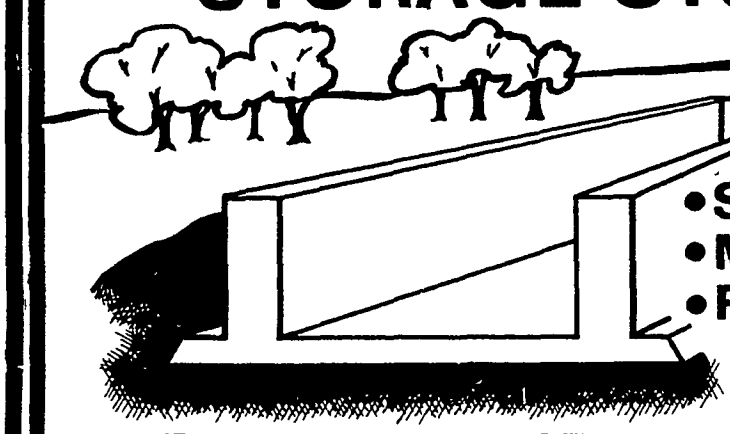
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Farm Women Societies

Lancaster Co. Society 3

Lancaster Farm Women 3 met recently to hear Gordon McQuate talk about the American Indian.

Members made plans to go Christmas carolling on Monday, Dec. 14, leaving from the Cloister Restaurant.

The December meeting will be held at the Lincoln Church and members will hold a gift exchange.

Lancaster Co. Society 11

Lancaster Farm Women 11 met at the home of Verna Shirk, Nov. 18, to watch speaker Sylvia May demonstrate crafts.

The Society's next meeting is scheduled for Dec. 30 at the home of Betty Brabson.

Lancaster Co. Society 14

Lancaster Society 14 met at the home of Miriam Leaman, Wednesday, Nov. 10, to view guest speaker Ruth Hyatt braid rugs and to install new officers.

The Society's new president is Clara Rohrer and vice president if Esther Landis.

The next meeting will be a Christmas party for family members, at the Historic Strasburg Inn on Friday, Dec. 3.

Lancaster Co. Society 19

Lancaster Farm Women 19 met at the home of Betty Saylor, recently, to hear speaker Eugene Stoebel, minister at Barnes Hall and Prison.

Members are planning a Christmas party in December with members each bringing a gift for charity.

Berks Co. Society 6

Berks Farm Women 6 met at the home of Mrs. Randall Hetrick for a homemade cookie exchange.

The society will hold their Christmas party at Stohls of Boyertown on Dec. 3.

Plans for a possible trip to the Spectrum on Jan. 2 for "the Great Ice Odyssey" were discussed.

Berks Co. Society 7

Berks Farm Women 7 met at the home of May Blatt recently to make favors for the Christmas party, scheduled for Dec. 11 at the Robesonia Borough Hall.

The Society voted to donate money to the Hamburg State School and the 'Adopt a Friend' at Berks Heim.

Berks Co. Society 12

Berks Farm Women 12 met in the home of Helen Schlappich, Rl Bernville, recently.

During the meeting, members learned how to make corn husk dolls.

The society plans a Christmas party at the Robesonia Borough Hall on Saturday, Dec. 4.

Berks Farm Women 26 met at the home of Mabel Miller recently.

The society plans a bus trip in December to Bethlehem to see the Christmas light display.

The holiday banquet is scheduled for Dec. 4 at the Strinestown Fire Company, and the next meeting will be held at the home of Mary Lantz.

NFO annual meeting Dec. 6-9

CORNING, Ia. — Plans will be laid Dec. 6-9 at the annual convention of National Farmers Organization in Louisville, Ky., to expand NFO activities to all areas of agriculture, according to DeVon Woodland, NFO national president.

"Although many segments of agriculture, are in sad shape," Woodland said, "we have been able to demonstrate conclusively in several areas that when farmers and ranchers have been willing to band their production together and bargain collectively, prices can be improved.

"For 36 successive months, we have had a contract for sale of cull cows significantly above market levels, according to USDA reports. We can block large numbers of feeder cattle and stairstep the market progressively upward until profitable levels are achieved.

"We bargained large blocks of hogs from several areas to packers who are willing to pay premiums to obtain a quality supply. By removing these large blocks from the normal supply, we have been able to move the market upward in all areas."

In the last two weeks, NFO staff people made 450 personal contacts, averaging 13 contacts per dav per man. Of those contacted, 98.6 percent were non-members. Of these, 67 percent committed production on contracts, reported Woodland.

Berks Co. Society 27

Berks Farm Women 27 met at the home of Doris Nissley, on Nov. 16, to create items for Conestoga View.

New president Marjorie Stoltzfus presented a gift to Thelma Wolgemuth for having served as president this past year.

York-Adams Grange meets

YORK — Members of the York-Adams Grange met recently with members of the Eureka Grange, Nov. 13, for a pumpkin pie contest and a bazaar.

Winners of the pie contest were 1. Madeline Thoman 2. Treva Leese and 3. Bertha Justh.

Members plan the following events: Christmas party at Valley Grange on Dec. 19; Activities Night at Red Lion Grange on Jan. 29; a trip to Hershey in February and a bus trip in April.

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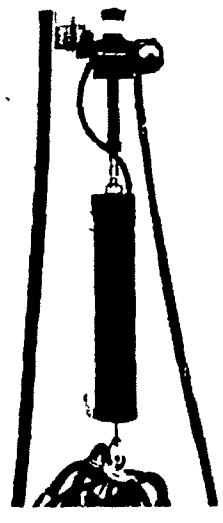

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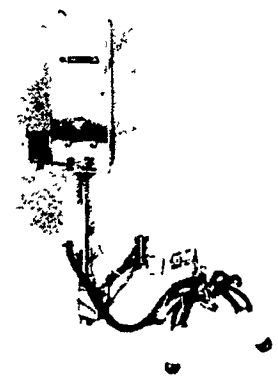

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MINI BARN SPECIFICATIONS
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- 2x4 Stude on Corners, 2x3 in Center
- Roof Trusses are 2x6 and 2x4 Covered with 3/8" Plywood
- 240 lb. Shingles on Roof
- Sidewalls are 5/8" Rough Sawn Texture Plywood Exterior
- Colors - Red, Green, Gray, 3 Shades of Brown

FREE DELIVERY Within 20 Miles of Shop

MINI BARN PRICES		ECONOMY BARN PRICES	
• 6x8	$365.00	• 6x8	$325.00
• 8x8	$410.00	• 8x8	$375.00
• 8x10	$475.00	• 8x10	$400.00
• 8x12	$525.00	• 8x12	$440.00
• 8x14	$575.00	• 8x14	$495.00
• 10x12	$625.00	• 10x12	$545.00
• 10x14	$675.00	• 10x14	$595.00
• 10x16	$725.00	• 10x16	$645.00
• 12x14	$775.00	• 12x14	$695.00
• 12x16	$850.00	• 12x16	$770.00
• 12x20	$985.00	• 12x20	$885.00
• 12x24	$1195.00		

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dhia
Pennsylvania Dairy Herd Improvement Association

CUMBERLAND COUNTY DHIA Monthly Report

September, 1982

OWNER		NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Ferman Landis	B3	39	89	18,437		714
Sundays Vallilea Farms	B3	125	90	19,336		685
Paul Strock	3	128	89	18,399		680
Nevin Shughart	B3	31	89	18,074		679
M. Thomas Sheaffer	3	55	86	18,043		665
Berkheimer Farms	B3	141	88	17,347		656
Carl Kelso, Jr.	B3	60	92	18,465		647
Samuel D. Shenk	B3	58	88	17,409		646
John F. Stoltzfus	B3	45	87	18,593		637
Alfred Gaisler	B3	44	90	17,736		637
Elmer Gettle	B3	50	86	16,601		637
Edward L. Brackbill	B3	29	90	16,199		635
Paul B. Sensenig	B3	34	86	17,461		634
Paul Basehore	B3	36	83	17,068		632
John M. Lippert	3	40	87	17,509		631
Clifford Chamberlin	3	31	87	17,357		631
Lee G. Davidson	3	60	89	16,702		626
Donald & Dave Lehman	3	75	89	17,099		625
Norman Hertzler	3	38	87	17,379		624
Merle & Sharon Dice	B3	31	89	16,023		620
Ashcombe Farms	B3	275	87	17,257		620
Paul O Dyarman	3	58	87	16,379		620
Robert Strock	3	86	89	16,280		620
Roy E. Snoke	3	33	87	16,859		608
Thrush Brothers	B3	104	89	16,358		604
J.B. Brymesser & Sons	B3	206	89	17,436		603
D. Clinton Sauder	B3	50	87	16,520		601
Marlin Miller & Sons	B3	47	86	17,238		600
Freshair Dairy Farm	B3	46	87	16,176		600

OWNER NAME OR NO.	BRD	AGE	LBS. MILK	LBS. FAT
Oscar Nealy & Sons 167	GH	8	22,340	961
Berkheimer Farms 79	GH	6	22,154	957
Melvin Sensenig Lady	RH	5	21,718	919
J. B. Brymesser & Sons 339	GH	3	21,271	918
Samuel D. Shenk Anna	GH	6	24,587	915
Clifford Chamberlin Flo	RH	4	23,255	881
M. Thomas Sheaffer Madame	RH	5	20,819	872
J. Douglas Martin 139	RH	4	23,579	868
Elmer Gettle Patsy	GH	4	20,688	866
J. Douglas Martin 34	GH	9	19,386	864
Clifford Chamberlin Rhoda	RH	4	17,825	858
Milk Way Farms 125	GH	6	17,422	857
Fred B. McGillvray Tammy	RH	4	22,357	850
Ashcombe Farms 347	RH	3	23,665	842
Robert Strock Leah	RH	6	20,718	839
Paul Strock Snapper	RH	3	17,235	832
Sundays Vallilea Farms 50	RH	5	25,298	828
Mark A Naugle Crystal	RH	5	20,317	824
Galen & Linda Smith Roma	RH	5	24,466	821
Berkheimer Farms 34	RH	5	22,861	811
Christ & Barbara Lapp Anna	GH	4	18,616	811
Roy E Deitch & Sons 76	GH	5	18,967	806
Samuel D. Shenk Whitey	GH	3	22,164	805
Robert Strock Dolly	RH	5	17,223	803
John E. Lapp Princess	RH	8	21,354	798
Roy E. Snoke Stella	RH	4	19,982	798

OWNER NAME OR NO.	AGE	LBS. MILK	% FAT	LBS. FAT
Otto Brothers				
139	3	18,918	3.7	697
142	3	18,992	4.2	792
192	3	19,350	3.7	724
Mark A. Naugle				
Gay	11	17,654	3.8	677
Flower	7	18,027	3.9	712
Crystal	5	20,317	4.1	824
Tuly	5	18,681	3.5	657
Robert Strock				
Lisa	11	19,052	3.7	705
Leah	6	20,718	4.0	839
Emily	4	23,769	3.3	795
Dolly	5	17,223	4.7	803
Sundays Vallilea Farms				
10	8	22,262	3.1	694
47	6	17,968	3.8	685
73	5	19,877	3.7	735
50	5	25,298	3.3	828
260	3	21,118	3.3	701
27	3	19,726	4.0	796
35	3	20,992	3.6	760
52	2	20,355	4.1	829

(Turn to Page B25)

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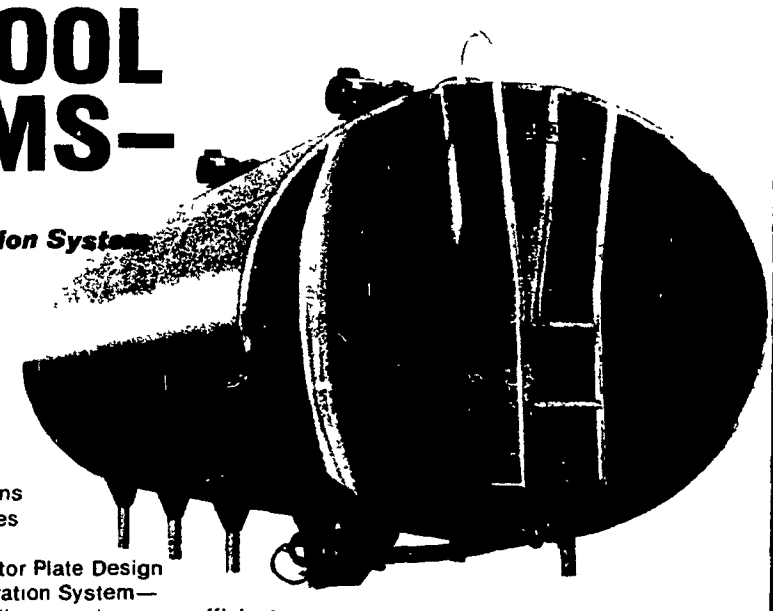

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(Continued from Page B24)

74	3	19,197	3.6	692
12	1	17,710	3.7	659
J. B. Brymesser & Sons				
174	7	19,756	3.6	703
312	4	20,092	3.7	746
339	3	21,271	4.3	918
353	3	23,962	3.4	808
362	3	18,235	3.8	685
415	2	18,642	3.9	731
Ashcombe Farms				
2	7	16,388	4.0	655
216	7	20,341	3.4	684
340	6	17,690	4.1	722
67	5	24,727	3.4	837
213	4	21,638	3.4	738
225	4	25,427	3.1	790
300	4	20,477	3.4	691
347	3	23,665	3.6	842
105	3	20,808	3.8	788
Lee G. Davidson				
Lucky	3	19,462	3.7	720
Leann	9	20,069	3.7	750
Carrie	4	17,806	3.7	658
Roy E. Snoke				
Stella	4	19,982	4.0	798
Benita	3	18,275	3.7	682
Galen & Linda Smith				
Roma	5	24,466	3.4	821
Sal	4	17,784	3.8	679
Thrush Brothers				
29	6	16,484	4.1	675
85	5	22,376	3.3	747
107	3	16,407	4.2	697
65	3	18,598	3.6	664
Roy L. & James Miller				
4	7	20,287	3.7	745
Donald & Dave Lehman				
5	5	19,633	3.6	712
43	4	22,330	3.2	710
Roy L Coover				
38	5	17,330	3.9	668
Paul Strock				
Nettie	8	19,567	3.7	725
Prilla	7	17,519	3.8	662
Ronnie	7	20,561	3.7	758
Hoppie	5	16,217	4.2	679
Coddie	4	20,944	3.7	772
Snapper	3	17,235	4.8	832
Shady	3	17,424	3.9	684
Marigold	3	19,367	3.9	762
Paul O. Dyarman				
Sarah	7	22,071	3.2	711
Shelby	7	20,273	3.6	736
Edward L. Brackbill				
78	3	17,646	4.1	724
93	2	14,136	4.6	654
202	6	16,746	4.1	685
Harry & Paul Hoch				
Ruby	8	15,780	4.2	655
Joan	5	19,195	3.4	660
Lyra	4	16,515	4.2	695
Merle & Sharon Dice				
22	6	17,497	4.1	715
J. Glenn Glesner				
73	4	17,421	4.0	702
Alfred Gaisler				
Winner	5	19,117	3.6	684
Milk Way Farms				
136	6	19,751	3.9	768
37	7	20,704	3.4	709
125	6	17,422	4.9	857
129	6	17,819	3.8	673
24	4	19,644	3.9	758
120	4	16,103	4.3	693
186	3	18,493	4.0	741
K. Hale & N. Burkholder				
Rebecca	4	18,579	3.9	726
Paul E. Peffer & Son				
Peppy	10	15,581	4.2	656
Elmer Gettle				
Patsy	4	20,688	4.2	866
Robin	4	16,362	4.3	701
Alice	3	15,940	4.2	673
Fran	4	17,217	3.9	678
Milly	2	15,131	4.7	719
Rodger E Hoke				
90	6	17,565	4.2	745
D Clinton Sauder				
Twinkle	5	18,118	4.2	752
Sunny	4	20,421	3.4	695
Fred B. McGillvray				
Tammy	4	22,357	3.8	850
Blade	3	19,786	3.8	760
Herbert B Shughart				
Sophie	4	20,630	3.8	780
John H. Staub				
Scarlet	4	20,401	3.4	686
Frank J. Yost				
Queen	6	20 450	3.6	733
Gina	3	19,302	3.8	741
Her Joy Farms				
Cinderl	4	20,130	3.4	681
Ashcombe Dover Dairy				
R190	10	16,474	4.5	744
R270	6	20,278	3.9	782
R273	7	21,082	3.3	695
316	7	19,161	3.5	665
R277	6	18,656	4.0	737
351	6	23,243	3.0	697
355	6	19,347	3.4	656
380	5	20,323	3.6	736
R29	5	23,005	3.2	741
40	4	16,320	4.7	767
R97	3	20,254	3.6	729
Paul Basehore				
Patches	7	17,854	4.0	714
John F. Stamy, III				
23	6	17,008	4.2	712
112	4	18,919	3.6	674
Carl Kelso, Jr				
91	3	23,162	3.0	695
John E. Lapp				
Princess	8	21,354	3.7	798
Lady	3	20,046	4.0	792

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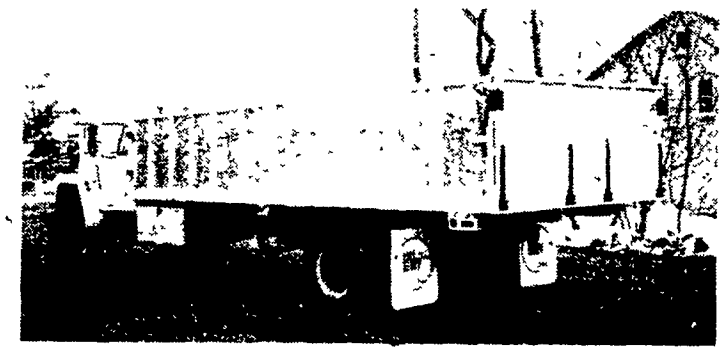

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SALE
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LIST PRICE
$2,695.00
SALE
$2,195.00
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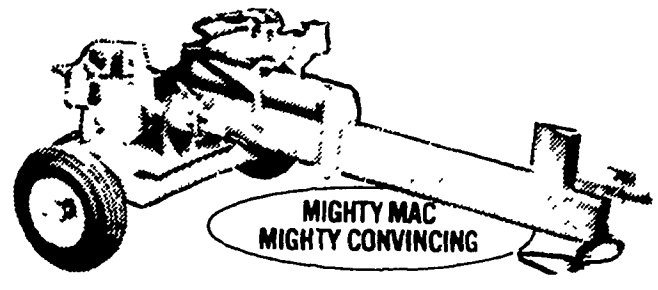

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Cumberland Co. DHIA

(Continued from Page B25)

Leroy Chestnut				
32	2	16,205	4 5	726
Samuel D Shenk				
Anna	6	24,587	3.7	915
Whitey	3	22,164	3.6	805
Melvin Sensenig				
Lady	5	21,718	4 2	919
18	4	21,610	3.4	736
Oscar Nealy & Sons				
167	8	22,340	4.3	961
Berkheimer Farms				
62	9	20,584	3.6	737
117	6	22,058	3.5	782
79	6	22,154	4.3	957
34	5	22,861	3 5	811
39	5	19,724	4.0	786
41	5	23,133	3 3	771
132	4	22,359	3.3	745
77	3	19,718	3 8	755
Stambaugh Farms				
39	12	18,307	3 7	673
127	2	21,005	3 1	661
Glenn W Myers				
Ethel	3	19,246	3.8	732
Fred & Chris McGillvray				
43	9	18,449	3 7	687
J Douglas Martin				
34	9	19,886	4.5	864
80	5	21,307	3 3	695
6	5	20,932	3.4	709
140	4	17,726	3.7	653
139	4	23,579	3.7	868
141	4	15,344	4.3	666
120	3	15,815	4.4	701
136	3	19,982	3.8	751
Kenneth E. Zeigler				
Tessie	5	15,971	4.8	769
David E. Lapp				
Cindy	8	17,505	3.9	680
Wm. F. & Susan Dietrich				
Zaltine	4	12,208	5.4	657
David S. Miller				
Rachel	9	18,833	3 6	684
Star	5	22,236	3.5	774
Warren Nolt				
6	8	19,570	3.8	748
Allen B Martin				
23	3	19,702	3.6	703
Paul B Sensenig				
Dimples	10	17,618	3.8	668
Rose	10	19,583	3.8	739
Daisy	2	17,847	4 1	727
Five Oaks Farm				
7	7	18,745	3 6	677
25	6	19,562	3 5	693
Clifford Chamberlin				
Boe	3	17,789	4 0	720
Esther	4	21,026	3 2	665
Flo	4	23,255	3 8	881
Glo	4	16,279	4 5	731
Hilda	4	24,964	3 2	791
Rhoda	4	17,825	4 8	858
Wind	4	19,757	3 5	698
Hazel	2	19,312	3 4	651
Fred A. Hoover				
Duchess	5	22,667	3.1	697
Ferman L. Landis				
38	3	21,907	3 6	784
42	3	21,071	3.7	789
Marlin Miller & Sons				
12	4	16,089	4.4	703
27	4	17,574	3.7	653
Roy E Deitch & Sons				
76	5	18,967	4.2	806
Raymond M. Burkholder				
10	5	20,234	3.5	712
Allen & F. Glenn Peffer				
Belle	5	18,349	3.6	653
Christ-Barbara Lapp				
Anna	4	18,616	4.4	811
Sally	4	19,097	3.6	677
M. Thomas Sheaffer				
Martha	9	21,190	3.6	767
Madame	5	20,819	4.2	872
Robert-Margaret Smith				
Zel	6	18,117	3.9	698
Harry N. Minick				
Robin	6	18,146	3.8	695
Donald M. Leatherman				
Lollipop	3	18,268	3.9	714
Mains Acres				
193	4	20,509	3.5	714
Lee A. Hoover, Jr.				
Liza	8	17,347	3.7	650
Peanut	4	21,556	3.5	753
Pam	3	19,357	3.8	733
Nevin Shughart				
Red	3	19,993	3.4	679
Louise	6	19,843	3.8	750
Robert E. Keefer				
9	7	19,777	3.7	731

Lebanon County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

October, 1982

OWNER	BRD	NO. COWS	DAYS IN MILK	LBS. MILK	LBS. FAT
Raymon & Marlin Getz	3	54.9	85.5	19,639	739
Willow Maple Farm	3	44.9	89.3	20,014	724
Roy E Nolt	B3	48.7	84.1	19,678	723
Dale Hostetter & Sons	3	90.7	87.4	18 918	721
Bennetch Bros	3	72 3	85.7	19.390	708
Conewago View Farms	B3	70.7	86.6	18,242	703
Vincent A Wagner	3	43.8	86.3	19,122	697
Marvin K Meyer & sons	B3	95 2	89.1	18.110	697
Kirby L Horst	3	43.9	84.3	18,195	695
Mervin W Horst	B3	43.1	88.3	18,712	685
Gary Lentz	3	53 4	88.8	18,664	680
David Brandt	3	68.0	89.2	17,800	678
Roy H Weaver	3	60.9	87.6	18,107	674
Hoover Farms	3	83.6	87.9	18,139	672
Ronald Kelchner	B3	60 5	85.7	18,152	668
Fort Zeller Farm	B3	46.6	86.9	18,154	665
Phares Z Musser	3	81.9	88.2	17,269	664
Gideon A Fisher Jr	G3	34.4	86.9	19,122	663
Kenneth Mase	B3	87.2	87.6	17,502	663
Marlin M High	B3	37.7	84.6	19,061	660
Eugene R Houser	3	28.2	85.2	16.852	660
Gary Mase	G3	30 6	82.7	17,939	657
Hershey Bare	3	86 7	87.7	17,225	652
Lloyd Burkholder Jr	B3	46.0	90.6	18.475	651
Marlin D Heisey	B3	36.4	87.0	18,049	649
Melvin Krall	B3	73 5	89.9	17,131	648
Philhaven Farm	3	94 0	89.5	17,640	648
Arnold Acres	3	105 4	89.4	18,300	648
Donald G Hoffer	B3	44 4	84.7	17,116	646
Irvin Z Brubaker	B3	42.9	86.2	18,363	646

(Turn to Page B28)

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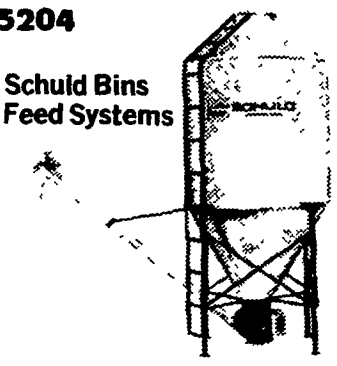

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PENNSYLVANIA LICA

The Dairy Business

By Newton Bair

Micro-computer study tour completed by Penn agents

Eight Pennsylvania Extension agents have completed a study tour of micro-computer applications in four neighboring states. The study tour was partially funded by a grand from the NACAA scholarship fund, announced at the NACAA Convention in Billings, Montana in September. The tour included stops in Ohio, Indiana, Michigan, and New York.

In Pennsylvania, the use of computer systems in Extension is still in the developmental stage. A close look at the evolution and development of these systems by other states has provided information that will be useful in influencing the policies and direction taken by Extension in Pennsylvania.

Both Indiana and Michigan have been involved in statewide computer networks for about five years. In Indiana, Purdue University received a Kellogg foundation grant to help finance an ambitious project to place micro-computer terminals in all county Extension offices. At the same time, permanent funding was provided for an on-going program to develop software for agricultural problem-solving. Michigan State started a similar program, sharing the funding of the hardware between the county and state budget. Both Indiana and Michigan are using Digital Equipment Corporation equipment.

In both states, the DEC equipment in county offices are connected by telephone modem to the main frame computers at the University. Agricultural software for the DEC has been developed by the University, and is distributed in Indiana by their Agricultural Data Network, and in Michigan by COMmunications NETwork. Both of these network systems link the campus departments, county Extension offices, and on-and off-campus research stations. They also interface with electronic mail systems to provide rapid communication between University-based specialists and county workers.

Ohio State has instituted classes in the use of the TI-59 programmable calculator into its agricultural curriculum. Some county Extension offices are using micro-computers purchased with local funds. Reed Taylor, Ohio State program coordinator, indicated that Ohio would probably be following the lead of Purdue and Michigan, recommending the purchase of DEC equipment for Ohio Extension offices.

Cornell University, along with other northeast universities, has received a Kellogg Foundation grant for computer development in Extension. Some agricultural-use software has been developed. Area specialists and Extension offices are using a portable dumb terminal that can interface with main frame computers at Cornell, and a few complete micro-computers are also in use.

Penn State has a state director for Extension Computer Programs. No mandate has been given to establish the type of computer hardware to be used in county offices, but guidance is provided to help local staff in purchase decisions and getting the equipment on line. Decisions will have to be made on whether to allow evolutionary development, with local staff generating their own demand for computer services, or to mandate the purchase and use of specific machinery and programs coordinated by the central administration.

Meanwhile, many farmers are already adopting some form of computerization of their farm-business operations. They will be expecting help and leadership from the University Extension Services. We are well on the way to providing that help.

A computer advisory group, consisting of Extension, VoAg., businessmen and farmers who are fore-runners in computer use, met recently at Penn State to begin an evaluation of computer software for agriculture. For example, there are many farm record-keeping software packages on the market. They range in price from $200 to $1,500. Price alone does not guarantee quality, but generally you get what you pay for. We hope to sort them according to their usefulness in agriculture.

Computers are becoming more available in Extension offices, VoAg Departments, and on individual farms. Many farm advisory services such as feed programmers and record analysts are now using computers. Anyone in the dairy business can look forward to a new era in which one of the most important tools on the farm will be one or more tiny silicon chips which form the heart and brain of a computer system. We can look for identification and controls systems to feed the cows, record milk production, feed intake, health monitoring for cattle and livestock, and a host of other things we haven't yet thought of. But you can bet that someone will!!

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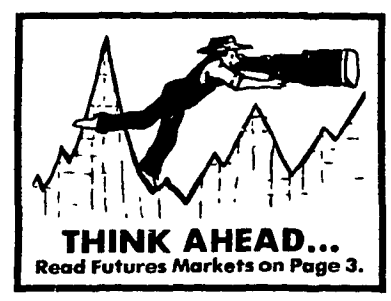

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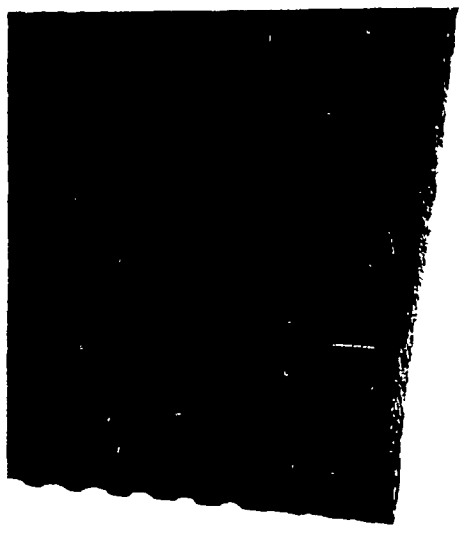
42x68	48x60	54x72
42x72	48x65	
43x65	48x66	



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Lebanon Co. DHIA

(Continued from Page B26)

Fernhost Farm	3	79 1	86 3	18,550	646
Ferndale Farms	3	79.1	83 4	18,215	644
Arthur R Krall & Son	3	64.6	85 1	17,029	642
Reuben O Martin	B3	64.9	84 9	17,594	641
Sonnen Acres	B3	114 1	82 9	16,789	641
Robert B Smith	2	74.8	86 4	13,217	641
Ernest Wagner	3	38.0	87 6	17,323	638
Wernerway Farms	B3	123.1	87 5	17,683	637
Richard & Ronald Shirk	3	76.3	88 3	17,164	636
Walter M Martin	B3	44 0	84 9	18,358	636
Mark Copenhaver	B3	65.1	89 1	17,150	636
Leon M Burkholder	B3	41 2	89 4	17,177	633
Robert Martin	B3	49 6	86 9	17,084	633
Kenneth L Sellers	3	45 5	85 4	16,707	631
Elvin Martin	B3	58 8	84 9	18,078	630
Harvey T Bomgardner	3	97 6	87 2	16,823	629
San Bo Holsteins	B3	76 2	86 9	17,211	628
Ezra H Martin	B3	50 1	84 8	17,572	628
Lloyd S Newswanger	B3	72 7	82 6	17,819	627
Twin-Maple Farm	B3	37 3	83 1	17,378	626
Ernest P Detweiler	B3	53 0	82 2	17,968	625
Daniel B Shirk	3	38 6	85 6	16,985	618
Mark H Bomberger & Son	B3	78 4	86 0	16,655	617
Lentzdale Farms	B3	65 5	87 9	16,753	617
Enos N Leinbach	3	32.6	90 4	16,402	615
Norman Kline	3	69.6	83.8	16,889	613
Galen Bollinger	B3	132.7	88 2	16,640	613
Walter K Heisey	B8	56.5	86.5	16,890	612
David E Zimmerman	B3	48.7	83 6	19,689	611
Isaac E Zimmerman	3	23 6	89.4	15,293	610
M Luther Benneich	G3	71.5	83.8	15,983	610
G & E Ungemach	B3	76 5	87.9	16,371	609
Gary Lee Mase	5	20.4	84.7	14,803	609
Gerald W Martin	G3	40.1	86.8	17,301	608
Mark C Patches	B3	88 5	86.1	15,400	607
James & Pamela Berry	B3	43.0	86.3	16,719	606
John Brubaker	B3	52.8	87.4	17,575	605
Ramona Holsteins	3	67 1	85.4	17,893	604
J Calvin Zimmerman	B3	111 5	83 9	15,874	600
Bucher Brothers	B3	40.5	83.3	16,610	600
Melvin M Nolt	B3	51 6	86 5	16,172	600
Hollow Pride Farm	B3	39 3	87 0	16,204	600

CARROLL-BALTIMORE DHIA
OCTOBER

Maple Lawn Farm (C.E. Iager & Sons), Fulton, Md. had the herd with the highest average for the month of October according to figures just released by the Carroll-Baltimore Dairy Herd Improvement Association.

During the month of October 116 dairymen in Carroll-Baltimore counties participated in this program. Listed below are the top ten herds based on their herd averages over the past year.

Maple Lawn Farm, Inc. (C.E. Iager & Sons)	133	20001	733
Barnes and Wilhide	66	17912	706
Del-Myr Farm (Roger Myers & Sons)	89	19234	683
Marlin Hoff	457	18223	676
F. Lindsay Wilson	82	18259	675
Leaseway Holsteins	111	17414	648
Billy Nelson	90	17304	639
Unicorn Associates, Inc.	153	15727	636
Henry T. Muller	139	17166	635
Donald H. Ensor	51	17166	633

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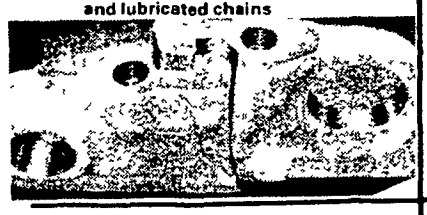

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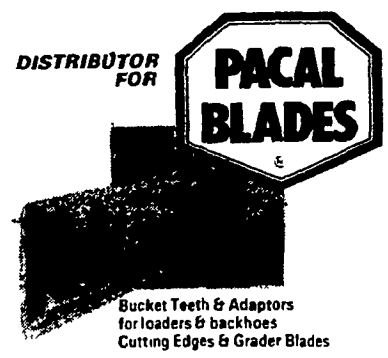

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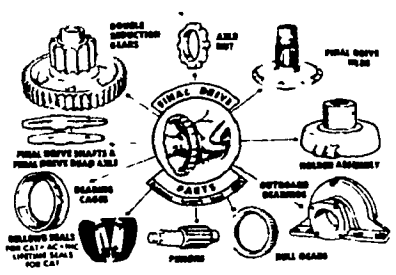

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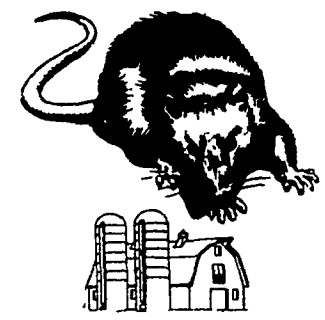

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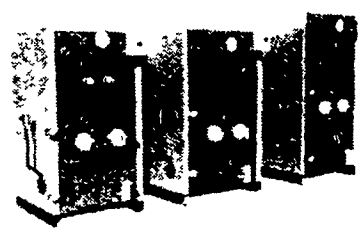

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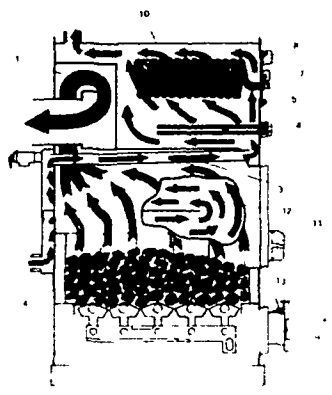

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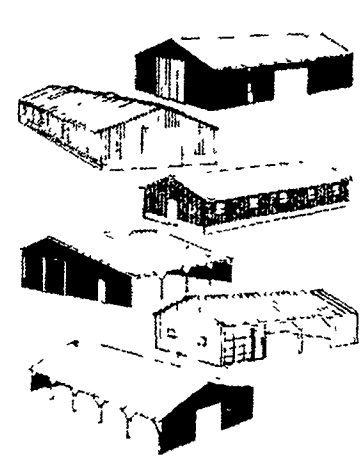

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One more time

One more time I would like to look at the farm problem as one of individual survivorship. The industry or industries will survive because of its viable place in society. Unfortunately not everyone in Agriculture will survive.

Every year we need fewer farmers to feed more people. It is a sad state of affairs but true. Some farmers will survive and others will go out of business. Some who go out of business will be better off in every way. Others will be so deeply wounded that they may never be able to find a meaningful niche in society.

Which will you be? The answer will be a combination of how long you have been farming, your willingness to adjust to changes, your ability to manage, and where your farm is located. You can do little about the first and last factor. The middle two are somewhat related and you do have some control over them.

Manage

Management is more than walking out the door each day and saying "I want to farm." Management may require some sacrifices. A good manager must know when, where, and how to make a decision. Let's look at a few of the things that make a manager:

- Use of management tools — financial records, analysis, soil test, forage test, DHIA, crop production records.
- Ability to look at how much hired labor makes the business, not how much hired labor makes. If a $10-an-hour hired man makes the business $12 an hour and a $2-an-hour hired man makes the business $3 an hour which one would you hire? Unfortunately most farmers choose the second one.
- Ability to look at each segment of the business in an analytical fashion. Is the cropping program supportive of the livestock program or is the livestock program an unnecessary drag on the crop end?
- Ability to step back and look at the whole as one entity. What is the bottom line?
- Ability to dedicate yourself to the business without neglecting the family. Farming is unique in that the family is usually an integral part of the business.
- Ability to say no if you can not figure how to pay for it. Every farmer who wants to be a success should have a sign on his desk "The Buck Stops Here". That sign should be in bright, big letters and face him.
- Ability and desire to figure. Business decisions made today can not be corrected overnight. Each farm has a certain income potential. That income has to go to three things — payment of operating expenses, payment of debt service or for capital expenditures, and payment of family living.
- Husband and wife teamwork. Few farms will realize their maximum potential without close family teamwork in management as well as in labor.

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Farm Talk

Jerry Webb

Pinpointing the problem

The Agriculture Council of America has released the results of a mail-in survey that pinpoints two tremendous farm problems: reduced exports and high interest rates. A clear government commitment to expand exports and action to reduce interest rates are measures that farmers say are critical to their survival.

This farm economy survey started with a telephone call-in program involving members of Congress, agricultural leaders and others. About 4,000 farmers and farm business people called during this one-day activity, and almost two million people tried to telephone during the 12-hour call-in, according to phone company meters. This was followed by a mail-in survey, with a 2,300-person sample drawn from those who completed the questionnaire.

The survey results paint a gloomy picture of current American agriculture. Farmers say things are as bad as they've ever been and that it will be impossible to survive unless some action is taken immediately. That's not an occasional response, but a consensus. More than one-fourth of those in the sample, who had been farming since the early 1940s no longer, call the current situation the "worst ever." And about eight percent of the entire sampling said they did not expect to survive the current financial crunch.

Lawrence Gray, chairman of the Agriculture Council of America and also an Idaho farmer said, "The pessimism, doubt and confusion reflected in the survey results cannot be ignored by our policymakers. The results provide dramatic evidence that the farm community overwhelmingly supports definite action to bring a swift end to the current high level of confusion and uncertainty about U.S. trade policy."

More than three-fourths of those answering the questionnaire rated a legislative ban on embargoes as an immediate, urgent, or top priority measure. And two-thirds gave top priority to a proposal that significant reductions in interest rates should be secured through action by the Federal Reserve Board, or Congress if necessary.

A spokesman for the Agriculture Council of America said the mail-in survey reinforced the dominant conclusion reached by council officials in conversations with farmers and farm business people during the call-in-that in the agricultural community, there is intense, broad support for unfettered export markets, and forced declines in interest rates as the principal way out of the current bind. There is also a growing interest in government farm programs.

Most farmers responding to the survey realized the need to do something on their own, rather than letting the government handle things. The majority said they were making surprisingly drastic reductions in supplies and services they buy for production. Three-fourths reported cutbacks in equipment purchases; half were trimming on fertilizer; almost half were reducing fuel consumption; well over one-third were buying less pesticides and other chemicals.

Among the short-run proposals for improving the farm economy, more than one-fourth listed immediate actions to reduce interest rates as the most important, with one-fifth giving top priority to the embargo ban. Almost sixteen percent wanted increases in price supports and target price payment rates; six percent wanted temporary government aid to prevent loan defaults.

Among the long-range solutions tabulated in the survey, more than half the farmers thought export expansion had the greatest potential for improving the farmer's situation. Nine percent said mandatory production controls would be most important.

Greater public support for soil and water conservation efforts, and increased efforts to explain agricultural needs to consumer groups also were given the most important ranking by six percent of the sample. Proposals involving increased research, increased production promotion, and new supply adjustment programs for certain commodities were each ranked at the top by less than three percent of the respondents.

Statisticians who summarized the survey indicated that responses came from young and old in 40 states, and from all types of farming operations. Overall, well over half those responding said they lost money in 1981, one-fifth indicated they made a profit.

The summary of the survey results bears out what individual farmers have been saying various ways — that farmers are in big trouble and that something must be done. Not a long-range program, but immediate and drastic measures are required. Otherwise, many good farming units will go under.

Paul Messmer, of Washington Springs, South Dakota, summed up farmers frustrations: "I think that whatever has to be done will have to be done immediately, or there will be a complete collapse of the farm sector and farm-related businesses.

I think interest rates are high on the list, and first of all are low prices. We have to have a profit or we can't survive. I feel we are enslaved to work for nothing. It's an empty and hopeless feeling, and I couldn't begin to express the wrongs of the system in just a few pages. It's a sin to have surplus when millions of people go to bed hungry every night."

These obviously are the cries of a farmer who is frustrated with the system, who is hurting financially, and who is looking for help. He's not just grousing about bad weather or low yields. He's talking about a lifetime of farming that's about to go down the drain. He is saying what so many farmers are saying — that the government has interfered with farmers so much, they themselves are powerless to do anything about their situation. They're looking to the goverment for some dramatic, quick action that will ease the tremendous strain.

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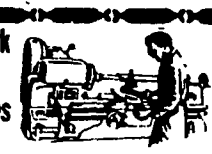
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DENVER, Colo. — The North American Limousin Foundation reported a 5-percent increase in both registrations and transfers this year as compared to last year.

The breed association recorded 41,387 Limousin cattle during the 1982 fiscal year, and transferred ownership on 29,543 animals.

According to Executive Vice President Greg Martin, the number of recordings has doubled in the past five years, and the number of transfers has tripled.

Currently, there are 343,916 animals recorded at the North American Limousin Foundation.

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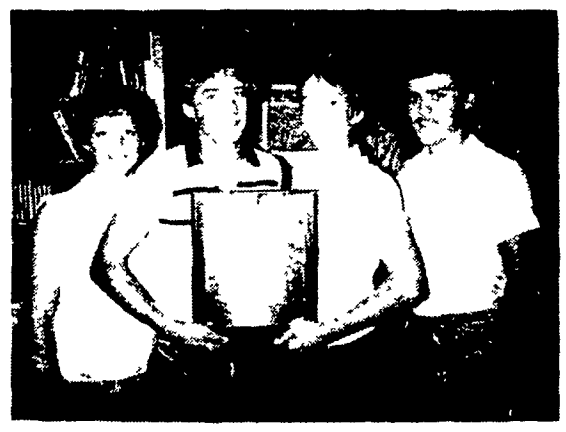

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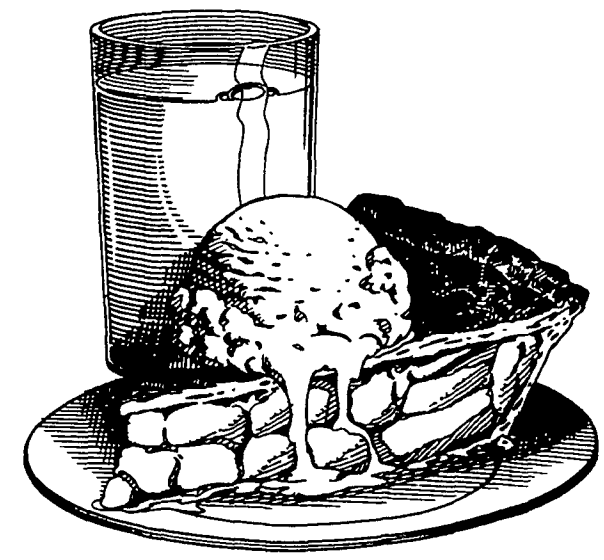

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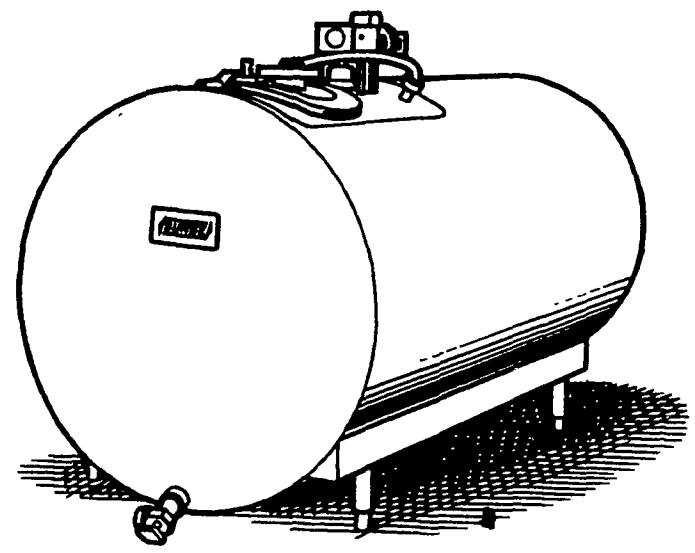

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At 42nd Eastern Pa. 4-H Show

Schultz, Fragnito show champion lamb, steer

BY SHEILA MILLER

ALLENTOWN — Twelve-year-old Frank Fragnito, son of Frank and Kathy Fragnito, R1 Slatington, Lehigh County led his Angus steer to Grand Champion honors of the 42nd Eastern Pennsylvania 4-H Beef and Lamb Show and Sale last Saturday — quite an accomplishment for a young boy who has only been competing in 4-H beef contests one year.

Held here at the Allentown Fairgrounds, Frank's 1144-pound steer, Rocky, topped the steer show Friday, besting 30 other beef entries shown by 4-H'ers from Bucks, Carbon, Lehigh, Montgomery, Northampton and Schuylkill counties.

When asked about his major win, Frank said he spent a lot of time walking his steer. The 7th grader at Northwestern Junior High School purchased his grand champion from Slatington Angus breeder, Paul Krause.

What was the hardest part about showing a beef steer? Young Frank smiled and said training the steer to "walk" was the toughest. "He didn't want to walk," laughed Frank. "When he finally decided to go, he ran away three times."

Frank's father, who proudly stood by his son's side before Saturday's sale, commented the grand champion honors were the result of "a lot of help from a lot of good people."

Frank sold Rocky to Danny George of George's Foodliner, Bethlehem for $2.60 a pound.

The Reserve Grand Champion steer was shown by 16-year-old Andy Wagner of Northampton County. Andy is no stranger to the winner's circle here at the Allentown Fairgrounds, having exhibited last year's grand champ and the reserve champion steer in 1980.

Andy purchased his 1,118-pound Angus steer from Warren Angus Farms, Furlong. Bill Warren had bred Andy's 1981 champion, too.

This year's reserve champion, Skoal Bandit, sold to Danny George for $1.75 a pound.

When asked where he came up with the name, Skoal Bandit, Andy grinned and confessed he's been using that brand of snuff since he was in 9th grade. Andy, who has been in 4-H for seven years, is the son of Lee and Louise Wagner, Bethlehem.

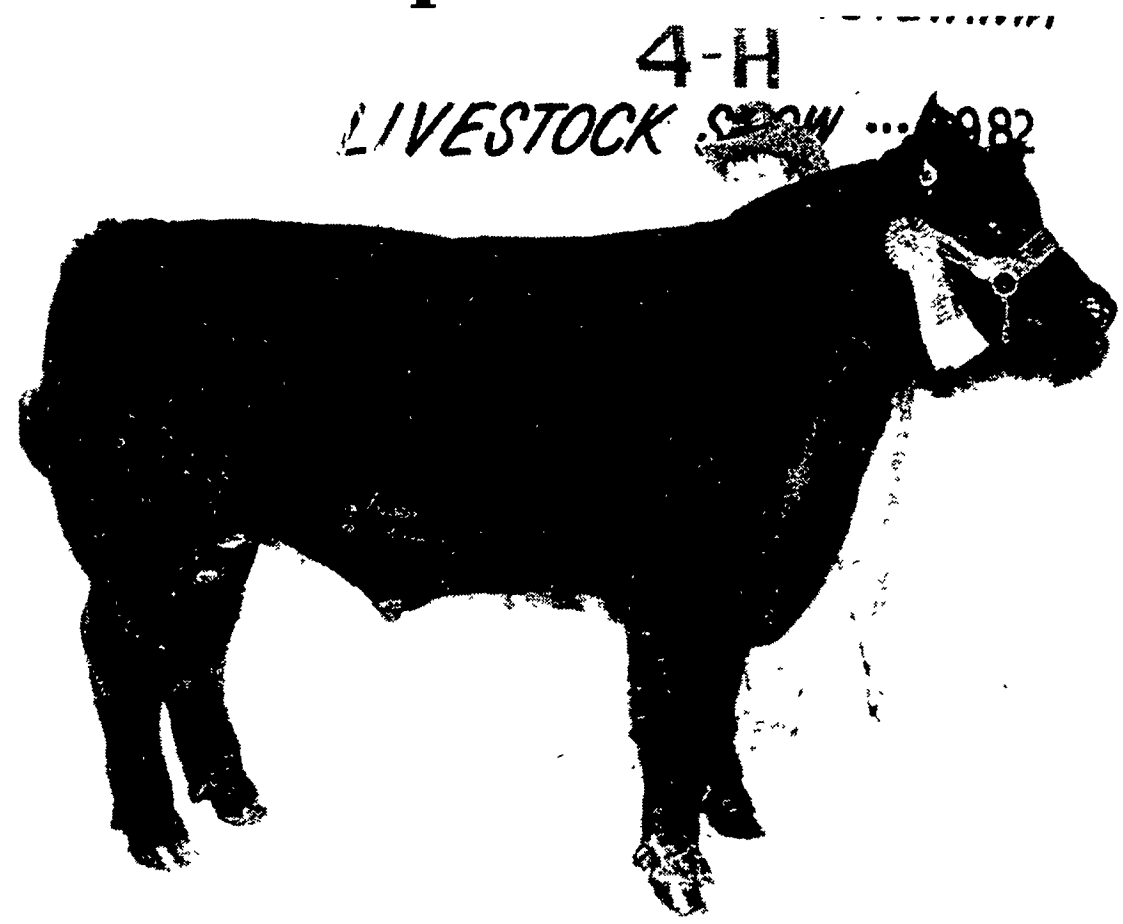
Although he doesn't live on a farm, Andy works on his grandfather's and uncle's farms where he and his father raise a few steers and purebred Dorset sheep. Andy exhibited his sheep entry at last weekend's show to the Reserve Champion Middleweight honors.

Seth Gruber of Lehigh County exhibited the champion middleweight steer. The 1,239-pound steer sold for $1.60 a pound to Bill Martin Livestock of Greensboro, North Carolina. The 1,183-pound reserve middleweight steer was shown by Lehigh County's Jane Sikorski. It sold to Gunther Heussman of Emmaus for $1.01 a pound.

The champion heavyweight steer was shown by Lori Cesanek of Northampton County. The 1,517-pound steer sold to Rose Valley Farm Country Butcher, New Tripoli for 76 cents a pound. Debra Krause, Lehigh County, showed the reserve heavyweight steer, weighing 1,355 pounds. It was purchased by Danny George for $1.02 a pound.

Thirteen-year-old David Schultz of Nazareth, Lehigh County, exhibited this year's Eastern Pa. 4-

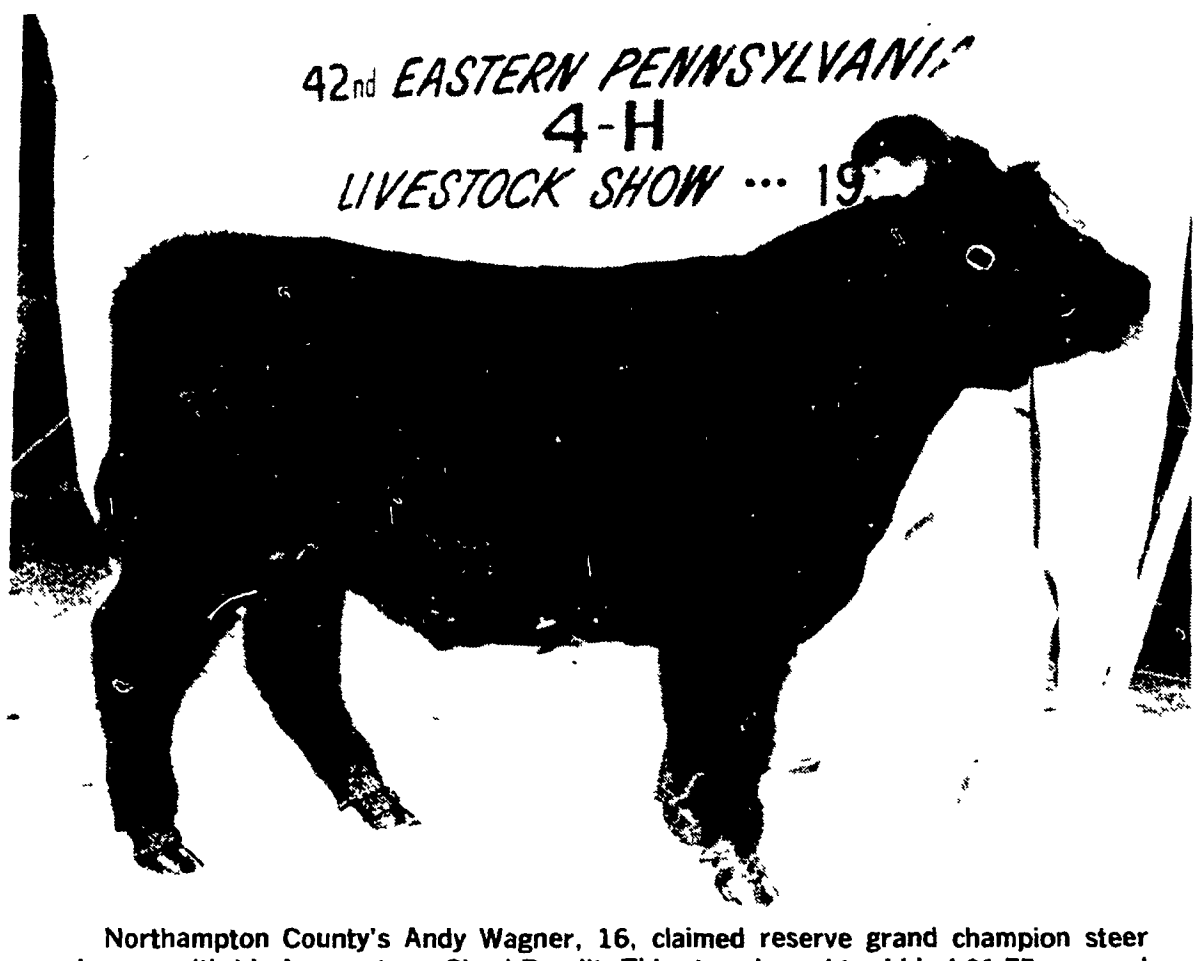
(Turn to Page B33)



Frank Fragnito, 12, of Slatington, Lehigh County exhibited his Angus steer, Rocky, to grand champion honors at last Friday's 42nd Annual Eastern Pa. 4-H Beef and Lamb Show, held here at the Allentown Fairgrounds. The 1,144-pound steer was purchased by Danny George of George's Foodliner for $2.60 a pound. Judging the show was Jake Tanis, Jr. of Ideal Farms, Augusta, N.J.

Eleven-year-old Leah Purugganan of Germantown, Lehigh County, right foreground, sold her champion pair of market lambs to Danny George for $1.30 a pound. Helping Leah with her lambs in the show ring was Nicole Trexler.

Danny George of George's Foodliner, left, purchased 13-year-old David Shultz's grand champion market lamb for $1.15 a pound. The Dorset wether was the second consecutive grand champion Shultz, of Nazareth, has shown at the annual Eastern Pa. show — last year's grand champion, however, was a Suffolk Shropshire crossbred lamb. This year's judge was retired Penn State professor Glenn Kean.



Northampton County's Andy Wagner, 16, claimed reserve grand champion steer honors with his Angus steer, Skoal Bandit. This steer brought a bid of $1.75 a pound from Danny George, a generous supporter of 4-H programs.

Michael Fournier, left, Bucks Co. agent, presented Ralph Zettlemoyer with an appreciation plaque during last Saturday's Eastern Pa. 4-H Beef and Lamb Sale. Zettlemoyer has served as auctioneer for the annual event for a number of years.

Eastern 4-H Show

(Continued from Page B32)

H Show's grand champion lamb. During his five years as a 4-H member, David has claimed the grand champion's banner twice — this year with his Dorset wether and last year with his Suffolk x Shropshire entry.

David is the son of David and Gail Schultz. The family has a flock of 250 Dorset and Shropshire sheep. David has started his own Dorset flock which numbers 15 head.

Buyer of the grand champion market lamb was Danny George of George's Foodliner. He purchased the 123-pound lamb for $2 a pound.

When asked what he plans to do with the money he's earned from this lamb, young David replied, "I'm going to put some of the money toward college and the rest I'm going to use to buy more sheep."

Ten-year-old Jesse Ruth, of Pineville, Bucks County, exhibited the Reserve Grand Champion Market Lamb at last weekend's show. His 120-pound Suffolk ewe lamb brought Jesse his first reserve grand champion ribbon in his two years of 4-H competition, along with $1.15 a pound from Danny George.

Jesse is the son of Tim and Sharon Ruth. His family raises purebred and commercial sheep. Jesse's father proudly stated his son went from last place in last year's show to reserve this year.

The grand champion pair of market lambs belonged to Leah Purugganan of Germantown, Lehigh County. Eleven-year-old Leah purchased her Hamshire crossbred wethers from Greg Snyder of Schockary Ridge Farm, New Tripoli. Danny George bought the pair of lambs, with a combined weight of 240 pounds, for $1.30 a pound.

The reserve grand champion pair of lambs were shown by Joshua Grim of Lehigh County. Danny George puchased the pair, weighing 224 pounds total, for $1 a pound.

The champion middleweight lamb was shown by Lori Cesanek of Northampton County. The 106-pound lamb was purchased by Pat-Ric Farms, Germansville for $1.05 a pound. Andy Wagner's 115-pound reserve middleweight champion lamb was purchased by Gunther Heussman of Emmaus for $1.05 a pound.

The champion lightweight lamb, weighing 98 pounds, sold to Agway, Inc. of Allentown for $1.20 a pound. The lamb was shown by Joshua Grim. The reserve lightweight champion was shown by Karl Bromm of Bucks County. It sold to Michael Fournier of Doylestown for $1 a pound.

The champion lightweight pair of lambs, weighing 190 pounds, sold to Danny George for 85 cents a pound. They were shown by Steven Pierson of Montgomery County. The reserve lightweight champion pair were shown by David Schultz and brought a bid of $1.15 a pound from Berks-Lehigh Valley Farm Credit Service, Fogelsville.

Ralph Zettlemoyer called the sale. He received a plaque from the 4-H clubs for his support in serving as auctioneer for this sale for the past several years.

Other buyers at the sale were: Paul Rothenberger; A & B for Woody's Market; Jim & Ann Burns; Mary Ann Brown; Gerald McMahon; A & B for Henry Gruber; A & B for Bill Harris; Ontlaunee Lions Club; Circle-W Farms; Memory Lane Farm; Donald N. Pharo; David Schultz; H.W. Lonacre; Kenneth Longacre; Henry Longacre; Gehman's Meats; Charles Schneck; Blair Hower; Gillespie Electric; Agrico Fertilizer Co.; Pork Chop Hill Farms; Witstans's Butcher Show; Locust Hill; and Zettlemoyer Auction Co., Inc.

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The steers averaged $1 price per pound with the grand champion, and 92 cents a pound without the top steer. Last year's averages

(Turn to Page B34)

The reserve grand champion market lamb was shown by Jesse Ruth of Bucks County. Danny George was the buyer of this lamb, with a bid of $1.15 a pound.

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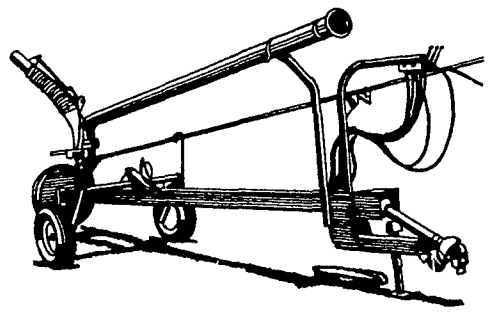

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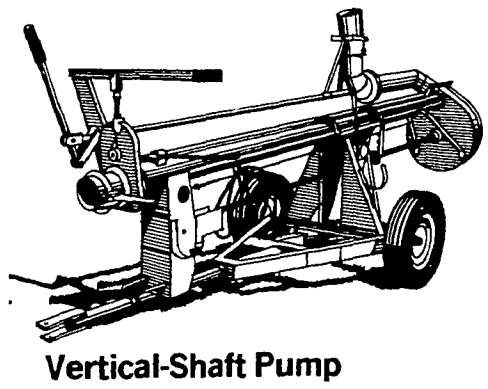

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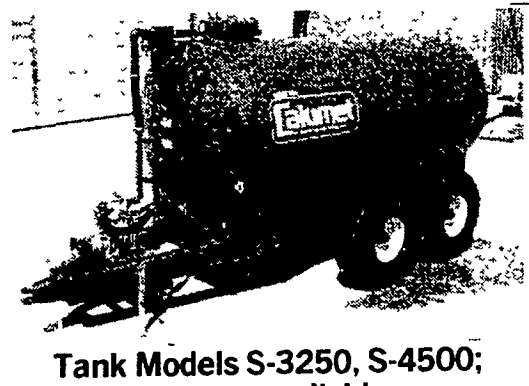

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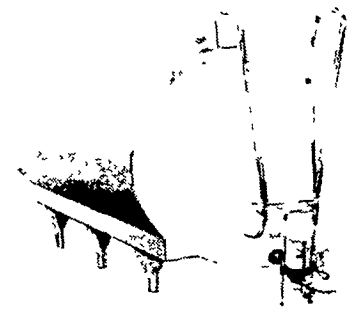

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Eastern 4-H Show

(Continued from Page B33)

were 98 cents and 92 cents, respectively.

The lamb sale averages rang in at slightly less than last year's prices, with the average price per pound with the grand champion at 87 cents; without the top lamb, 85 cents a pound. Last year the averages came in at $1.22 a pound and $1.15 a pound, respectively.

The 31 steers sold at Saturday's auction totaled $37,693.20. The 74 lambs grossed $44,549.55.

Show results follow:

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1 Frank A Fragnito Slatington Lehigh Co lightweight and grand champion 2 Andy Wagner Bethlehem Northampton Co reserve lightweight and reserve champion, 3 Bernadette McMahon Green Lane, Montgomery Co 4 David Schultz, Nazareth Northampton Co 5 Lewis Trexler III Germansville Lehigh Co

Light Mediumweight

1 Jane Sikorski Emmaus Lehigh Co reserve mediumweight champion, 2 Willi Wilson mertz town Lehigh Co, 3 Steve McMahon Green Lane Montgomery Co, 4 Diane Miller Lehighton Carbon Co 5 Richard Trexler Germansville, Lehigh Co

Heavy Mediumweight

1 Seth Gruber, New Tripoli Lehigh Co, mediumweight champion 2 John Skrip, Breinigsville Lehigh Co 3 Bonnie wessner, New Tripoli Lehigh Co 4 Ralph Danner East Texas Lehigh Co, 5 Tim Fagan Norristown Mon tgomery Co

Light Heavyweight

1 Glenn Wuchter, Northampton Northampton Co, 2 Jim Roth, Collegeville, Montgomery Co 3 Tara Bernhard Harleysville, Montgomery Co, 4 Gavin Grim Mertztown, Lehigh co 5 Daniel Berghold Bath, Northampton Co

Heavy Heavyweight

1 Lori Cesanek Northampton, Northampton Co heavyweight champion, 2 Debra Krause Slatington, Lehigh Co reserve heavyweight chamption 3 Todd Bennecoff Kutztown Lehigh Co 4 Margaret Schultz Montgomery Co 5 Richard Roth Collegeville, Montgomery Co

LAMB

Light Lightweight

1 Diane Miller Lehighton Carbon Co, 2 Shane Woolridge Perkasie Bucks Co, 3 Scott Reinert, Slatington Lehigh Co 4 Alan Gilmore, Chalfont, Bucks Co, 5 Dina DeFazio, Yardley Bucks Co

Medium Lightweight

1 Karl Bromm, Wycombe Bucks Co reserve lightweight champion, 2 Phil McMahon Green Lane, Montgomery Co, 3 Geoffrey Harvey, Pipersville Bucks Co 4 Stephen Breininger, New Tripoli Lehigh Co 5 David Samkavitz Doylestown Bucks Co

Heavy Lightweight

1 Joshua Grim Breinigsville Lehigh Co lightweight champion, 2 Joshua Landis Mon tgomery Co 3 Kevin reinert, Slatington Lehigh Co, 4 Julie Ann Samkavitz, Doylestown Bucks Co

Light Mediumweight

1 Lori Cesanek, Northampton Northampton Co mediumweight champion, 2 Joyce Paslo New Hope Bucks Co, 3 Judy Schneider, New Tripoli lehigh Co, 4 Steve McMahon, Green Lane, Montgomery co, 5 Brian Lazarus, Germansville Lehigh co

Heavy Mediumweight

1 Andy Wagner Bethlehem, Northampton Co, 2 Timothy Hoch, New Tripoli, Lehigh Co, 3 Susan Craft, Pipersville, Bucks Co, 4 Catherine Cesanek Northampton, Northampton Co, 5 Beth Woolridge, Perkasie, Bucks Co

Light Heavyweight

1 Jesse Ruth, Pineville, Bucks Co, reserve heavyweight and reserve grand champion, 2 Arthur Yoder, Doylestown Bucks Co 3 Ruth Grim, Breinigsville, Lehigh Co, 4 Glen Bateman, Worcester Montgomery Co, 5 Holly Shoener, Pine Grove Schuylkill Co

Heavy Heavyweight

1 David Schultz, Nazareth, Northampton Co, heavyweight and grand champion 2 Jessica Stevens, Doylestown, Bucks Co, 3 Richard Trexler, Germansville Lehigh Co, 4 Steven Pierson, Norristown, Montgomery Co 5 Leah Purugganan Germansville, Lehigh Co

LAMB PAIRS

Lightweight

1 Steven Pierson, Norristown Montgomery Co, 2 David Schultz, Nazareth Northampton Co, 3 Brian Lazarus Germansville Lehigh Co, 4 Diane Miller, Lehighton, Carbon Co, 5 Paul Graber Lehighton, Carbon Co

Heavyweight

1 Leah Purugganan, Germansville, Lehigh Co grand champion pair, 2 Joshua Grim Breinigsville, Lehigh Co, reserve grand champion pair, 3 Michelle Strouse Pen Argyl Northampton Co 4 John Benitez, Zionsville Lehigh Co 5 Ruth Grim, Breinigsville, Lehigh Co

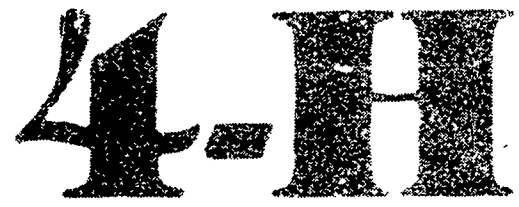
Franklin 4-H lamp and sheep club elects officers

CHAMBERSBURG — Franklin 4-H Lamb and Sheep Club met recently to elect the following officers for the upcoming year:

President, Zoe Wildeson; vice president, Jamie Good; secretary, Donnie Sheiss; treasurer, Christiana Keener; and news reporter, David Keener.

Members also changed the club's name to 'The Franklin County 4-H Shepherds.'

The first meeting of the new year will be held Jan. 4.



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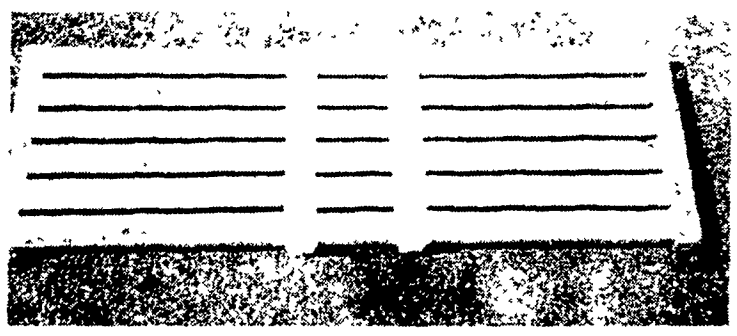

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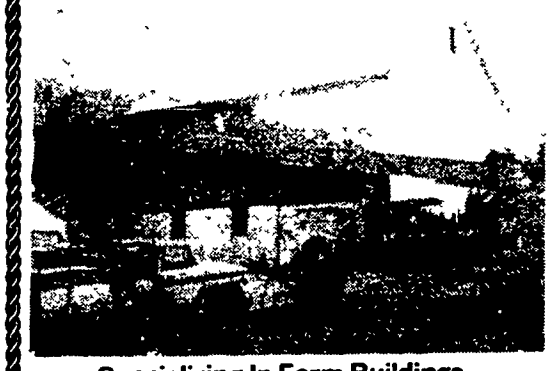

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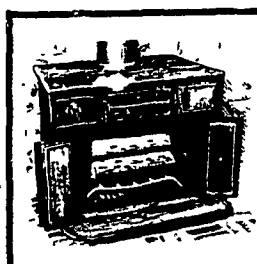

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The undersigned Agents and Attorneys in Fact, being duly authorized so to do, are offering for private sale to the highest bidder the above property which is known as the Robbins feed mill and grain storage property: All that tract or parcel of land containing 25 acres of land, more or less, mostly wooded, lying on the south side of Horn's Point Road and extending through to the north side of Hill's Point Road, leading to Lloyd's (Md. Rt. 343), with frontage of approximately 1,000 feet on Rt. 343 and frontage of approximately 1,300 feet on Horn's Point Road; improved by grain tanks and related equipment for said feed mill/grain storage facility costing in excess of $200,000, in excellent or good condition and available for immediate use either as a feed mill and/or a grain storage facility and/or cooperative use for either such purpose: One 60-foot Toledo digital portable scales and printer, one 400-bushel above ground dump pit with augers and with rack and ramp to accommodate all sizes of vehicles, including tractor trailers; one 300-bushel-per-hour Matthews M-C propane-fired continuous dryer with pre-cleaner, capacity for extraction of 10 points of moisture per hour from 300 bushels of grain (also special cleaner for soybeans, capacity 500 bushels per hour); one 7,000-bushel elevated wet tank (hopper bin with aeration), one 6,000-bushel wet tank (hopper bin with aeration); four dry tanks with aeration, capacity 23,000 bushels each; one 80-foot dry elevator with down spouts and safety cage, one 60-foot wet elevator with down spouts and safety cage, and one office containing complete controls and grain testing equipment, facility is completely self contained and can be operated by just one man

Undersigned are asking $125,000, and intend to sell said property in its entirety on or before December 20, 1982 Undersigned will consider all reasonable offers and invite you to telephone either of them for further discussion of all details and particulars

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Maryland National Bank has indicated its willingness to consider financing for approved purchasers up to eighty per cent (80%) of the purchase price, but reserves the right to reject all applications. Persons interested in such financing should contact the undersigned Jesse Swartz to discuss detailed terms and conditions and to furnish all required credit and financial information.

To inspect the above property, please call the undersigned Victor H. Laws at the number listed below, or call Tommy Robbins at 301-228-5723

AGENTS AND ATTORNEYS IN FACT

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Salisbury, Maryland 21801
Phone 301-749-2356

Jesse Swartz
c/o Maryland National Bank
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Easton, Maryland 21601
Phone. 301-822-3500

The Milk Check

TOM JURCHAK
County Agent

Imitation

For 40 years, we've all been aware of the efforts of oleo margarine makers to try to make their product look and taste like butter. Up to now they haven't been very successful at imitation but they've cut butter consumption in half with their low priced spread. Now they're doing the only thing they could do to make it taste like butter - they're adding butter. Not sweet cream buttermilk as Mrs. Filbert did but real honest to goodness Grade AA butter from Land O' Lakes.

The product is called Country Morning Blend and contains 60 percent margarine and 40 percent butter. It sells for double the price of margarine but 25 percent less than butter in the same store.

I'm not sure if it will increase margarine consumption or butter consumption but I can't help feeling we should have tried it long ago. The only other question is - which one is the imitation? Is it imitation butter or imitation margarine? What do you think?

Good News

Finally, after skidding below the previous year's prices since last December the Minnesota-Wisconsin Price Series finally managed an increase in October after 10 consecutive months. It was back in November 1981 that the M-W at $12.52 for 3.5 milk was the same as the previous year.

Since then it has been lower than the previous year by as much as 22 cents back in March and as little as three cents in August. Then in September you got even with a year ago at $12.46 and in October with a 10 cents jump - the largest since November 1980 - you beat last year's price by four cents with a $12.56, the first increase in the M-W over the previous year since 1st October.

It was hard to take price decreases even for 10 months after 50 consecutive months of price increases. It was back in September 1977 that you started the longest record of consecutive increases in the M-W that didn't end until November 1981. During those four years the price went from $8.74 to $12.52 for an increase of $3.78 or 43 percent. That was an average increase of nearly 11 percent per year and at least part of the reason for the increase in milk production from 123 billion pounds in 1977 to a record 130 billion in 1981.

Another reason, however, was that it was one of the best records in agriculture for price increases during that time.

So, in summary, after 50 months of increases and 10 months of decreases, prices are starting back up again. Not that one month makes a trend but it's one of the bright spots in what has been a rather dreary picture during the past year.

Of course, the reason for being interested in the M-W is that it is the basis for Class prices in all the Federal Milk Marketing Orders so it's a reflection of the price changes to come in the months ahead. Here in Order 2 it means a 10 cent increase in the Class II price for October milk to $12.62 and a similar increase in Class I price in December of $14.81 which raises them to about where they were at the beginning of the falling prices a year ago.

USDA seeks comment on dry milk standard

WASHINGTON, D.C. — Representatives of the dairy industry and the public may comment until Jan. 17 on a U.S. Department of Agriculture proposal that would make changes in the standards for dry whole milk.

Edward T. Coughlin, dairy official with USDA's Agricultural Marketing Service, said the proposal would eliminate the "U.S. Premium" grade standards for dry whole milk. He said that the remaining grades — "U.S. Extra" and "U.S. Standard" — will adequately classify the quality of dry whole milk as it is used now.

Coughlin said this proposal and other minor technical proposals were developed in cooperation with the American Dry Milk Institute.

Production and sales of dry whole milk has shown a steady increase during recent years. Dry whole milk is used in the manufacture of ice cream, candy, soup and baked goods, Coughlin said.

The proposal is scheduled to be published in the Nov. 16 Federal Register. Copies are available from: Dairy Division, AMS, USDA, Washington, D.C. 20250.

Comments should be sent to Hearing Clerk, Rm. 1077-S, USDA, Washington, D.C. 20250, where they will be available to the public.

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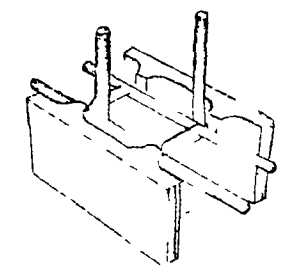

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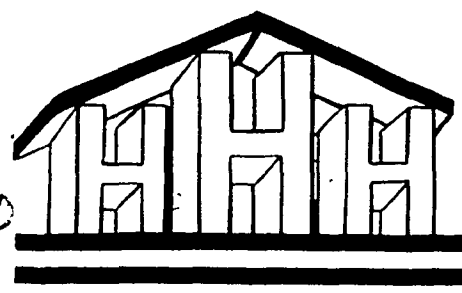
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Hamburg FFA places 3rd in nation

The Hamburg FFA Dairy Cattle Judging Team, composed of (from left) Charles Seidel, Todd Miller and Patricia Dreisbach, finished third in national competition at the FFA Convention in Kansas City, Mo.

(The above photo was taken when the trio won the state title at FFA Activities Week at Penn State in June.;

Miller finished third individually in the competition; while Dreisbach was 31st and Seidel, 44th. In all 45 teams, numbering 135 FFA competitors took part in the dairy cattle judging contest.

Seidel is the son of Mr. and Mrs. Robert Seidel, R1 Lenhartsville; Dreisbach is the daughter of Dr. and Mrs. Robert Dreisbach, R1 Hamburg; and Miller is the son of Mr. and Mrs. Ernest O. Miller, R2 Hamburg.

The team was coached by Paul Barnhart, vo-ag advisor and Hamburg FFA Chapter advisor.

A little over a decade ago, Pennsylvania also had a bronze team in the competition.

In Floriculture competition, the Pennsylvania team of Brian Quigley, Philadelphia; Lissa Walters, Loysburg; and Lori Calhoun, Chambersburg; finished first.

Steve Main, of Pennsylvania, finished second in the Livestock Showmanship.

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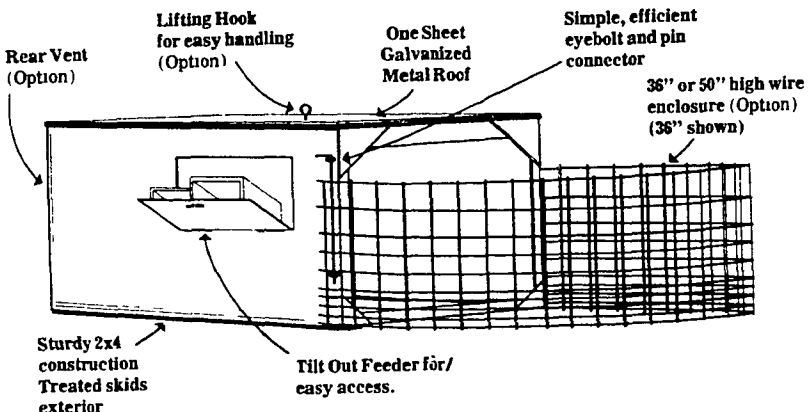
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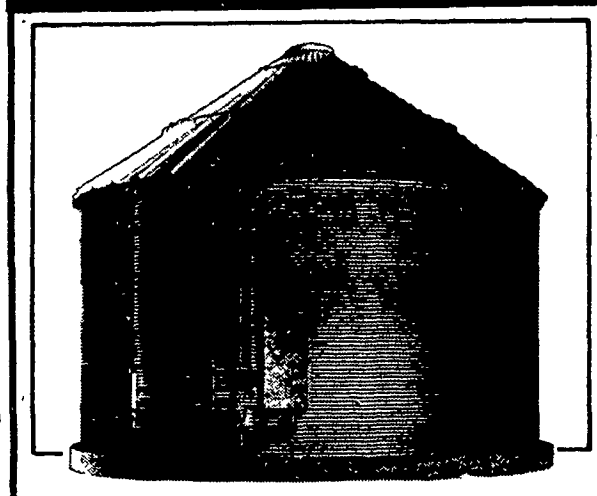

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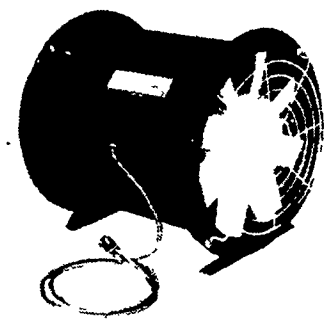

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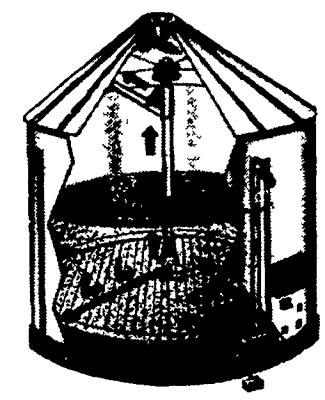

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Coffee isn't all we get from Columbia

U.S. flower growers win import battle

PARK RIDGE, Ill. — U.S. flower growers have won an important round in a fair trade battle with producers of cut flowers from Colombia.

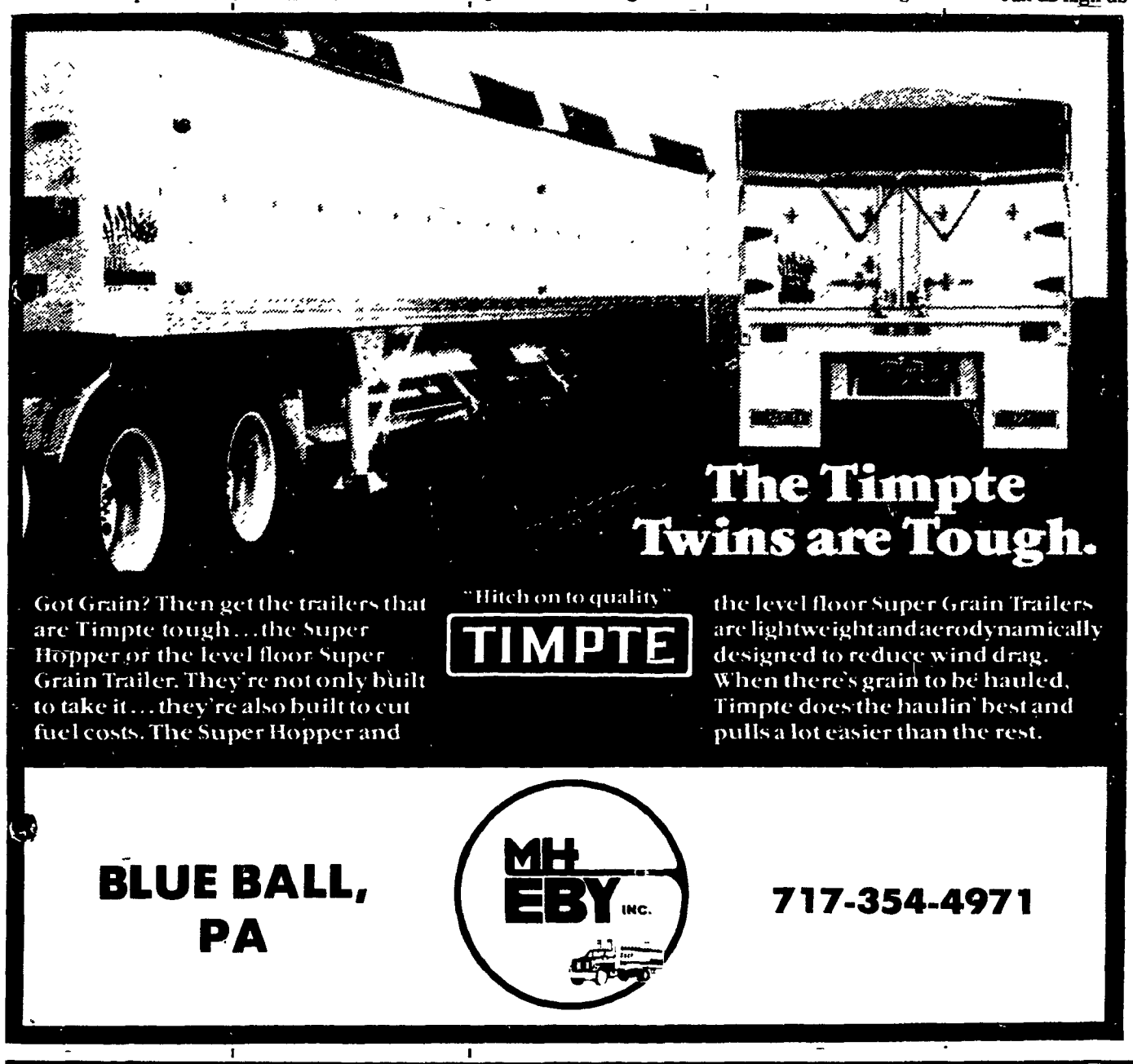
The U.S. Department of Commerce has ordered Colombian flower exporters to deposit cash or post bond on all shipments to the U.S. to compensate for four percent of the subsidy Colombian producers and exporters receiving from their government.

American Farm Bureau Federation horticulture crops director Bill Farrington explains that the Colombian subsidy comes in the form of tax credits granted producers. He estimates that, along with favored freight rates from government-owned Colombian air carriers, the total subsidy on Colombian flowers may run as high as 15 to 20 percent. He says the Department of Commerce, which acted after an investigation of Colombian tax credits, is currently investigating the air freight phase of the subsidy.

Farrington charges that Colombian subsidies have caused serious problems in the nation's cut flower business which does an annual business of around a half-billion dollars. Market date indicates that the U.S. flower market receives about 50 percent of its total supply of carnations and chrysanthemums from Colombia. Rose exports from Bolombia have risen 729 percent since 1975.

"U.S. flower producers have a strong competitor in Colombia even without special subsidies," Farrington says, "...climatic conditions and low cost labor provide Colombian producers with a good product at a highly competitive cost.

"Our producers ask no special favors," he says, "but we want some protection from unfair and possible illegal subsidies that can wreck our markets."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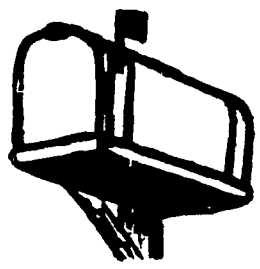
Wanted 16" English saddle good cond reasonable for sale IH #15 chopper corn and grass head $100 Milford, NJ 201-995-2614

For Sale AC 2 row - 3 pt corn planter, $125 00 Farmall H&M cultivator $25 00 Cecil, MD 301 658-4599

For Sale - Reg Holstein bull 3 mo old sire Molly Chief Dam Pennstar Bootleg $250 00 Lancaster Co 717 426-1030



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market Subscribers using the Mail Box Market will be governed by the following rules

Limit your advertisement to 20 words, area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Tuesday or same will be held over for next week s paper, no business advertisements accepted

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P O Box 366
Lititz, PA 17543

No Phone Calls Please

MAILBOX MARKET

For Sale - Purebred Suffolk ewe lambs and yearling ewes. Healthy, vaccinated, wormed. Lanc. Co 717-653-2318

Wanted - TD-6, 6 cylinder with PTO in good condition 717-837-3826 Snyder Co

Wanted - Complete bed for 1972 Ford pickup Lanc. Co 717-569-9861

Notice - Free puppies to good homes, mixed collie/shepherd 4 weeks old. Lanc. Co 717-733-4919

For Sale - 200 dry locust posts $1.50 ea also Siegler kerosene heater Melvin E. Lapp $125 00 RD2 Gap Pa. Lanc. Co

For Sale - 5 Angus-Hereford bull calves 350-400 lbs. pre-conditioned 70 cents a lb 717-292-6944 Dover, York County, Pa

Wanted - Two wheel cart for pair of ponies (12 hands) D Schwartz, RD3, Box 260, Blairstown, NJ 07825, 201-459-5424

For Sale - IH Model #110 (90 bushel) manure spreader. Tractor or horse drawn, good cond $175. Tamaqua, Pa 717-386-2747

For Sale - Surge 3 milkers, vacuum pump, cow belts, 2 can cooler, $250 S Fisher, Aden Rd., Liberty, NY 12754

For Sale - IHC corn husker and shredder in good shape, would trade on good colts Bedford Co 814-784-5872

Notice - Farmers - use cage layer manure on your land and save fertilizer dollars 717-758-9263 Northumberland Co

For Sale - Used expanded metal flooring, 8 gauge galvanized, 4'x8' sheets, great for pig nurseries, dog kennels Snyder Co 717-539 2711

For Sale Complete kit to convert standard Chevy, Ford, Dodge or GMC pick up into dump truck, $550 Northampton Co 215 767 9039

For Sale Springing holstein heifer due Dec 11 Daughter of Ivanhoe Jack Perry Co 717 789 3170

For Sale Gandfather clock, walnut case, German movement, Westminster chimes moon dial world globe 717 432 4597 York & Adams Co line

MAILBOX MARKET

For Sale - International cream seperator Stainless steel bowl, electric motor. Lanc Co 717-665-5741

For Sale - Good dairy - vac. w/booster power $65.00, also 2-¾ horse motors $30 & $60. 717-464-2233

For Sale - 65 International truck R-190 18' steel flatbed airbrakes 10x20 tire 6VW 25,000 AM/FM heater Berks Co. 1-215-562-4007

For Sale - AC WD45 Tractor fork lift, 3000 lb. lift ready to go 717-299-3721

For Sale - Silo matic unloader 10 h p. motor, 22'-24'-26' 2½ yrs. real good - 717-264-6007 Franklin Co.

Wanted - Rubber roller and rear deflector shields for a Hesston PT-10, Early Model, w/large diameter reel. Sussex Co N J. 201-579-1205

For Sale - 7½ H.P Mix Mill also four Big Dutchman feed bins 12 ton in N.J 201-356-6331

For Sale - Milk fed veal whole or half Rabbits live or dressed, pets 8 breeds, dairy goats York Co 717-244-1177

For Sale - 11 Anderson window units 35x56 minimum opening, new and ready to install $40 each York Co. 717-757-1386.

Wanted - Stud service for Australian cattle dog (blue heeler) Lanc Co 717-529-2937.

For Sale - Cornell barn cleaner drive sprocket unit complete w/3 HP motor left hand travel, good condition Lanc. Co 717-626-6592

For Sale - Australian Shepherd pups. Black and tans and Blue Merle, wormed and inoculated $125.00 Gloucester Co NJ 609-694-1568

For Sale - 6 purebred Santa - Gertrudis cows, 1 bull, cows will calf, spring 1983, 22 feeder calfs 717-597-3364 Franklin Co.

For Sale - Case 800 Diesel tractor with or without large V-snow plow, cab, 3 pt counter weight, Schuylkill Co 717-345-4882

For Sale - Quality grade holstein heifer due to freshen February $750 will deliver 30 miles 215-445-6181

For Sale - 1978 Yamaha 750CC, new battery, two tires $1100 00 Mary Schmidt Box 299 RD 3 Pine Grove, PA 17963

For Sale - Stand-by 46KW PTO $1700 00, 12½ KW 400, 35KW with PTO and card bargain, Lanc Co 215-445-5309

Wanted - Ford 9N tractor for parts should have a good motor block call 717-442-8921

For Sale - AKC cocker spaniels Ready for Christmas Queen Anne's Co 301-778-1919

For Sale - Chevy Rally wheels, 7x14, complete set with rines and caps, $100, Chester Co 215-932-4728

For Sale - Gleaner combine w/cab bin extension & chopper grain head w/hume reel & genie bar 1-215-822-3147

Wanted - Wide front end and/or right hand side hydraulic control outlet for JD 2520 For Sale 15 hoe Ontario grain drill 717 629-0777 after /

For Sale - 1810 Circa grandfather clock 8 ft, moon dial, broken arch second hand. 717 632 6968 8 a m or 8 p m

For Sale 3 burner kerosene stove nice white 2 lid space heater with water front 717 374 4246 after 4 p m

For Sale 2 cast iron radiators 26" high 52" long 9" wide 37½ high 40" long 9" wide Lebanon Co 717-866-5204

MAILBOX MARKET

For Sale - 9 month old black Suffolk ram $85.00 Elam Ebersol 558 Gibbon's Rd Bird-in-Hand. 1½ mile N of Bird-in-Hand

For Sale - 330 gallon stainless Majonnier tank, good condition. Compressor usable. You disconnect and move $200. Harford Co. 301-676-2845

Wanted to buy - John Deere #30 level bed potato digger in good shape. Lycoming Co. 717-435-0353

For Sale - 19 Feeder pigs approx. 55 lbs. ave. Also 10 ton old ear corn. Bucks Co 215-249-9136

For Sale - Suburban automatic wood furnace connect to existing furnace $350.00, brick face mobile home skirting, Ephrata, Pa. 215-445-6885

For Sale - Powell Metal Planer. 30x30x8. $650. Flemington, NJ 201-782-3391 or 201-782-6781

For Sale - Fisher Grandpa Beat woodburning stove used 1 yr Lanc. Co. 717-733-8184

Wanted - Urgently needed - dairy farm, small herd will consider taking care of your farm, herd etc. 609-758-8478 after 6 p m

For Sale - NH 33 flail chopper $695. IH 2 bottom fast hitch plow like new $295. New Holland, Pa. 717-354-0266

For Sale - Purebred collie puppies $30.00 ready Dec 7th. mixed cocker spaniel-collie puppies $10 00 ready now. Lebanon Co. 717-867-5254

For Sale - New air tight wood stove "warm morning" model 701 with auxillary blower $450 00 Balt Co 301-239-8195

For Sale - Purebred Border collie pups. shots and wormed can be registered, 7 weeks old, Cumberland Co. call George 717-243-3096

Wanted - ½ hp Sumergable deep well water pump, good condition. Also any parts to Jackobson old gasoline engine. 919-237-0012, eves.

For Sale - Brady offset flail chopper, use with or without hood good condition $375.00 Berks Co 215-589-2689

For Sale - Purebred LaMancha Buck ready for service. and/or stud service Also Nubian Doe Kid, disbuded, Lanc Co 215-445-6622

For Sale - Eggomatic egg grader model 160 A-1 cond York Co 717 235-1755

For Sale - 7 year old saddlebred buggy or carriage horse Elam F Stoltzfus 210 Farmland Rd Leola 17540

For Sale - Heavy wooden barn beams, hand hewn, and many lengths Also TB chest filly evenings. 215-856-5098 or 856-7639

Wanted - 420 or 430 John Deere tractors for parts Maurice Grossman RD #3 Slippery Rock, Pa 16057 Lawrence Co 412-530-2292

For Sale - 25 K.W Winco Generator on cart 400 AMP Meter-Rite box for center pole, all like new Union Co 717-966-0145

For Sale - Jack Russell terrier pups reg male bred for rodents, all farms should have one Butler Co 412-368 3774

For Sale 1980 Chev C 50 truck w/12' stake body Very good condition $7900 Lehigh Co phone 215 395-2732

For Sale 1970 MGB restore or parts car $400 or best offer, Montgomery Co 215-495-6537

Free 1 Registered Blue Heeler male Pup Wanted front tires for 4020, Lanc Co 215 286-9052

MAILBOX MARKET

For Sale - Ford 504 Baler $375 Hay rake $300, NI 7' trailmower $200, Clark 8' disc $100, Luzerne Co. 717-388-2341

For Sale - Purebred Shropshire ram & ewe lambs to start or improve your flock. Top bloodlines. 717-949-3653 Leb. Co.

For Sale - Christmas Trees - $9.00 Sheared Blue Spruce - 5' to 6'. Wellsboro, Tioga Co. 717-724-3482

For Sale - 800 Mueller milk tank round type with washer. Franklin County 717-264-6007

For Sale - Good used buggy w/hydraulic brakes on front. $650.00. Jacob K Stoltzfus 136 E. Main St. Leola 717-656-8197

For Sale - Guernseyy family cow, due in February. Christ K. Stoltzfus, South Fort Zellers Road Box 784 Newmanstown, Pa. 17073

For Sale - Large 2 door Servel refrigerator $150.00/best offer. John S. Nolt RD1, Box 403 New Holland, PA 17557

For Sale - New Hein Walker 1½ ton floor Jack sells new $399.00 will sell for $285.00 Montg. Co. 215-287-9749

For Sale - John Deere #60 good condition, $1375. Berks Co. 215-562-2118

For Sale - 1965 GMC ¾ ton 4 wheel drive pickup equipped w/8' power angling snow plow. 301-883-3722 before 8 a.m.

For Sale - 4" auger w/hydraulic motor $150; gold all in one tub and shower unit good condition. Lanc. Co 717-733-7185

For Sale - Mobile home 10x60' 2 bd rm & bath, oil ht., all appliances $2500 00 Bucks Co 215-968-5181

Wanted - 6 light or 9 light barn window sash - 8"x10" panes Hunterdon Co , NJ 201-782-6548

For Sale - Minneapolis Moline Tractor 5 Star diesel in fair condition $1000.00 Union Co. 717-922-1135

For Sale - Registered Holstein heifers calves and fresh purebred heifers. Warren Co NJ 201-454-1618 eves

For Sale - 1 used Pequea 2 bottom hyd. reset plow. Elam B Stoltzfus Gap #1 Pa Lanc Co Box 53 17527

For Sale - NH L325 skid loader, exc cond., only 300 hours, since new. Lanc Co 717-367-1566

For Sale - 5 cu ft cement mixer with motor new never used 717-599-5512 Dauphin Co

For Sale - US Calvary saddle good, two pair brass mounted team housings Six Horse single line, 717-264-2990 Franklin Co.

For Sale - MF 1143 cornhead used very little also MF 1105, 717-859-2712

Wanted - AC model G with or without loader. large round baler 716-593-5369 Harold E. Lehman RD2 Wellsville, NY 14895.

For Sale - Small herd of Angus cows and calves. Also cows are rebred, also 1 pure bred angus bull. 215-754 7545

For Sale - One good tractor tire 13 6-26 on 12" rim $50 00 Dauphin Co 717-469-2862

For Sale - Nice new Kanibeck potatoes $7 50 No 1 cwt lots of old books Jake Lengacher Route 2 Mt Pleasant Mills Pa 17853

For Sale AKC toy poddles pups chocolate and silver color $125 00 Albert Wible Box 107 Hustontown, PA 17229

For Sale Stoltzfus Pneumatics portable 2 horse air compressor w/10 hp Briggs engine Samuel G Blank, RD1, Box 80D, Cockranville, PA 19330

MAILBOX MARKET

For Sale - Norwegian Elkhound puppies and dogs AKC Cochin Bantams and others. 301-836-1213

Wanted - Farm Gates. Horse well broke, reasonable. Becker, Box 818, Campbell Hall, Orange Co. N.Y. 10916. 914-294-7869

For Sale - 6' V-blade snow plow 8' V-blade snow plow for truck or tractor $150.00. each Lehigh Co. 215-967-3957

For Sale - 65,000 BTU Warm Morning LPG gas heater, coal grate John L. Fisher R#3, Honey Brook, Chester Co. 19344

For Sale - Coleman oil burning heater, 51,000 BTU Model M-517. $10.00 Paul R. Zimmerman RD #2 Box 31 Ephrata Pa. 17522.

For Sale, Case 310 crawler loader $4000 good cond., breed ewes $60 black or white, after 7 p.m. Monroe Co. 215-681-5650

For Sale - Reg. Rambouillet ram, twin, born w/80. K. Moore breeding $150. York Co. 717-993-6773

For Sale - 3 Reg. Hol. heifers due in Jan. Sired by Atlantic bulls & bred to Atlantic bulls. 717-626-5296. Lanc. Co.

For Sale - AKC Cocker Spaniel pups. Lanc. Co. 1-717-859-3053

For Sale - Sweet potatoes, turnips, celery and chinese cabbage, Harvey Weaver, Diamond Station, southeast of Akron, Lanc. Co 717-859-3926

For Sale - 16 ft Brillion cultipacker with 18 in packers $1200. Case four bar rake $350. Lanc. 717-653-8703

Wanted - small hammermill about 6 to 10 inches. 215-286-0391 Lanc. Co.

For Sale - AKC Apricot miniature poodles pups. 5 females, will be ready by Christmas. 717-656-6365. Leola, Pa. Lanc Co.

For Sale - JD 2020 dsl. on steel, $4000 or best reasonable offer, 440 crawler loader, $3500 firm 215-445-5182 Lanc. Co.

Wanted - good used tobacco shed, approx. 32x90, send location and price, Amos M. HOover, East Earl RD1 17510 Pa

For Sale - Automatic float waterbowls barn scaper's and feed scoops John B Zook Kinzer #1, Peter's Rd. 17535

For Sale - PTO assembly for JD 420 & other tractors, also a wooden silo with metal roof 717-656-6863 Lanc. Co

For Sale - Old barn weathered board wide boards; old big iron kettle Levi S Beiler Rt. 3, Box 378 Quarryville, PA 17566

For Sale - Locust post approximately 4 to 8 inches in diameter, 7 feet long York Co. 717-292-4601

For Sale 1968 HD11 angle blade under carriage 90% $1,500, new parts $6,000 or trade. 1968 KW Trader 609-358-3317

For Sale - 1956 Ford 12 ft. flat bed dump 10 ply tires Good condition $1500 or make offer 301-398-6337

For Sale - 1983 185S ATC Honda Wanted - Badger single chain feeder and/or conveyor Lanc Co 717-665-3865

For Sale - 2 Kerosene space heaters Huntingdon Co Phone 814 542 9522

For Sale New tobacco baling boxes can be pressed with car jack $100 00 each Wm M Hatfield & Son 301-535 0580

For Sale - Purebred Keeshound Pups. Will be ready wk. before Christmas Gideon Stoltzfus 232-A Snake Hill Rd Bird-in-Hand

MAILBOX MARKET

Wanted - Used lime spreader for wet lime prefer Stoltzfus spreader 315-677-9547. Central NY State

For Sale - Two Jersey Heifers pasture bred in late summer John A. Fisher Paradise #1 Pa. 17562 215-593-6140 Lanc. Co. -

For Sale - ¾ pickup truck cap 8' long. $75.00 10:00 to 5:00 daytime 717-397-4561. Eve. 717-569-1470 Lanc. Co.

For Sale - Antique - "Knabe" square baby grand piano very good cond. 215-932-3352

For Sale - '68 Chevy 4x4 ½t pickup w/Myers plow - runs good needs body work $1495.00 or best offer. 215-689-5471 Berks Co.

For Sale - Eight Bred Hereford heifers - 4 calves 7 mos. old Hereford/Shorthorn Cross 2 bulls, 2 heifers 215-869-2665 5 p.m. - 9 p.m.

For Sale - Soybean Cooker in good condition. $790. 215-593-5853

For Sale - Gehl BU 85 forage wagon, JD 60H blower, & 9" pipe & gooseneck, JD grain drill, Lanc. Co. 1-717-859-2421

For Sale - AKC Collie puppies Sable-white and white. Shots and wormed. Ready to go by Dec. 814-793-3938, evenings

For Sale - Dried Locust posts, 140 thousand BTU oil fired boiler. Lanc. Co. 717-626-7857

For Sale - Case 1845 skid steer loader, 2 buckets, low hrs. 717-866-7035

REAL ESTATE

50 acre farm for sale within Mennonite area. 25 acres in rye, rest could be farmed. Robert Hopkins, owner. Penn Yan, NY 315-536-8092

94 acre hog and tobacco farm in Lancaster Co. Facilities include 100 sow farrow wing unit and tobacco scaffolding for 10 acres of tobacco. Property includes large bank barn, stone dwelling and 85 tillable acres in a high state of cultivation. Financing available. Ask for the Lancaster branch manager, 1-717-291-1855

For Sale by owner. 126 acre dairy farm in Franklin Co. Contact Ben Peachey 10139 Church Hill Road Mercersburg, PA

Hog farm - nice level 185 acre farm, 9 room home, 30x84 farrowing house w/pit and 30 farrowing stalls, 45x65 barn w/26 farrowing stalls, 50x105 finishing house w/pit, 30,000 bu. grain storage, 40,000 lb. truck scales, many other extras. Huntingdon Co. Price $220,000. 814-447-3725

Central New York State, Madison County beauty, 415 acres, 30 minutes south of Syracuse, $320,000 by owner. Owner Financing. 315-662-7958

Lancaster Farming
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NAME _____

ADDRESS _____ BOX _____

CITY _____ COUNTY _____

STATE _____ ZIP CODE _____

REAL ESTATE

Tioga County 65 acre farm with stream, barn, new slaughter house. Ranch style home with 3 bedrooms, 1½ baths, 2 car garage. 717-724-3768. Call 717-724-3853. evenings and weekends.

For Sale - 3 bedroom house and grocery store with snack bar, country setting, North Lancaster Co. For further information write 305 Lexington Rd., Lititz, PA 17543 or call 717-626-2995

Huntingdon Co. 168 acre crop and beef farm, 100 acres tillable, good soil, well fertilized, 3 bedroom farmhouse, alum. siding, tenant house, lg. bank barn, river frontage, immediate occupancy, under $1,000 an acre. 814-643-4446 eve.

Greenhouses, set up for hydroponic vegetable production. 7,800 square feet. Fall crop now in progress. Ranch home on 11.9 acres meadow, stream on property. All for $155,000. 215-384-1157

For Rent - Complete veal raising facility, with housing good family opportunity. Call manager. 201-832-2905

129 acres of gently rolling fields in a high state of cultivation, small partial wooded. North of Harrisburg, Dauphin Co. $1500 per acre. Contact Andrew Fisher of Livingston, MaGilton and Fisher Realtors, 717-236-3900 or 717-362-8384

Maryland-Kent Co. near Millington. 86 acres, 18 acres woodland, 2 ponds, misc. buildings in poor cond., no house. Asking $170,000. Only $1,977 per acre. Kent Creek Real Estate 301-648-5656 Galena, MD

Working beef operation on approximately 89 acres 4 pastures, completely fenced w/woven wire and stream running through each, self-feeders, large barn, new corn crib, shop, two car garage. Modern farm house w/huge family room featuring a massive stone fireplace. Terms are possible. RD1 Halifax, Dauphin Co. $219,000. Contact Andrew Fisher of Livingston, MaGilton and Fisher Realtors 717-236-3900 or 717-362-8384

REAL ESTATE

SHENANDOAH CO., VA 93 secluded acres, pasture, woodland, cultivated land, 2 ponds, $99,000.
Owner financing - 144 acre livestock farm, call for additional info.
Over 240 acres of farmland improved by 2 story frame house, needs renovation, part joins national forest, panoramic view, some owner financing, $299,000. R.J. Clower Real Estate, Kayhill Estate, New Market, VA 22844 703-740-8867

40 acres of farm land (tillable) plus 40x60 bank barn, along hard top road, 7½ miles northeast of Burnham, PA in Decatur Township, Mifflin County. No property (house) on land. Price $60,000. Call 1-717-248-4630 or write to B.C. Aumilla, 7th Ave., Burnham, PA 17009.

Perry Co. 80 acre general farm, bank barn, 4 bedrm., 1½ bath home, plus small unattached rental apartment. Call 717-438-3440

For Sale - 207 acre farm with or without cattle and machinery. Barn, two car garage, sm. tool shed, 2 story house, exc. hunting. Located 6 mi. from three different towns on good county road, immediate possession, reasonable. For more info. call 607-478-8104 or write Robert Goodrich, RD 1, Andover, NY 14806

For Sale by owner - 1.11 acre LCPC approved West Cocalico 275' road frontage, Lanc. Co. 215-267-7870 evenings.

Beautiful 9½ acre farmette, 12 mi. west of Carlisle, chicken house and barn, $475/month. 717-258-6360

Wanted to lease - purchase, operating dairy farm, Lancaster Farming, PO Box 366, D-18, Lititz, PA 17543

Yates Co. NY, 170 acre farm, 120 tillable, 9 acres woods, abundant water supply, 3 barns, 32 tie stalls, 2 silos; 4 bedroom house, fully insulated, oil and woodburning furnace. Owner finance. Roland E. Hoffman, REALTOR, Gorham, NY 716-526-5443

REAL ESTATE

For Lease - outstanding 330 acre dairy farm in Southern Tier NYS. Harvestore and other silos, 70 cow barn and other buildings. 607-849-6097.

Dairy farm with 6 cow milking parlor, 48 cow free stall barn, heifer barn, 16'x65' Marietta silo with cement bunker spring fed stream running through pasture. 119 acres with 85 tillable. Large 4 bedroom house, 2 full baths and attached summer house. 2 full baths and attached summer kitchen, located in the Turbotville, Pa. area. $150,000.00. Call 717-546-2233 or 546-2313

Snyder Co., Chapman Twp., 130 acres general farm, approx. 100 acres tillable, 2 story frame dwelling, bank barn, outbuildings. Asking $1,000 per acre or best offer. Must settle estate. 717-374-8333. 215-822-3822

Five 2 acre wood lots for sale, southeast of Strasburg along 896, no trailers or modulers, $18,000 per lot. 215-593-6140 or 593-2534

For Sale - Lebanon County Farms, 79 acre hog or beef farm $269,000 - fifty five acre beef farm $179,000 owner financing, a four acre farmette $49,900 ten acres of woodland $25,000 and a 150 acre Berks County farm $205,000. Write for brochure: Nelson Ebersole-Realtor Auctioneer 717-867-4487 Suburban Realty, 30 West Main St., Annville, Pa. 17003

"Mini Estate" log home 20x30 Family room 20x30 bedrm, 12 acres, outbuildings, $165,000, Rinehart Real Estate, 717-235-6714

Glen Rock 87 acre farm 60 tillable, stream, barn, other outbuildings. $168,000 Rinehart Real Estate 717-235-6714.

FARMS ... Near Greenwich, OHIO. General or Dairy - 137 ACRES - 167 ACRES and 150 to 750 ACRES. Contact: WALLACE RAMSIER - J.C. MEYER CO., INC., 1011 E. Main St., Ashland, Ohio 44805 (419) 289-2600 or (419) 368-3106

REAL ESTATE

For Sale - 30 acres fertile farm land, including meadow/water, convenient location. Lower Oxford Twp. Chester Co. 215-869-2715

Farms For Sale - Kent Co. Maryland, 120 acre water front, new home, 2 new large sheds, good hunting, asking $450,000. 110 acre hunting farm, 2 homes, 3 sheds, 3 ponds, asking $260,000. 107 acres, good hunting, asking $300,000. 91 acres, 83 tillable, very good hunting, $2,350/acre. Cooper, Barroll Realty Galena, MD 21635 301-648-5593.

6½+ acre, E. Fallowfield Twp. Chester Co. Heavily wooded loat w/stream, zoned residential, financing available, call Harold Martin, 215-384-5067

Farm for sale - Located in Clinton County, Sugar Valley, 126 acres, 63 tillable, 63 woodland and creek bottom, farm consists of 3 bedroom home, bank barn and outbuildings. Excellent hunting and fishing. 717-725-3709.

Farm For Sale - 4 bedrooms, living room with fireplace, family room, large kitchen, oil heat. 45 acres. Will subdivide. Lancaster Co. 717-665-5741

For Sale - Large 4-bedroom house with large garage attached to house, also horse barn and small storage shed. Buildings all in good condition and situated on bldg. lot with road frontage. Ideal for small business. Write to: Abe E. Weaver Rt. 2 Box 135 Mifflintown, Pa. 17059

Farm of 207 acres, approx. 100 acres river flat, remainder woods. Older 2 story home, 2 barns, shed, attached garage. Just reduced to $85,000. Ask for Jeanne. C-25. Call Winters Real Estate, Inc. 607-962-2401

92 Acre Crop Farm, Central New Jersey. Large home, irrigation pond, outbuildings $276,000. Century 21 SCS Agency Hightstown New Jersey 609-448-0113

REAL ESTATE

270 acre dairy farm, 90 cow tie barn, pipeline milker, heart of Finger Lakes, 170 head reg. Holsteins plus equipment. 315-539-9016

GOLLY!
WHAT A BUY!
McKean County; with Allegheny River fishing stream flowing through the property; completely modernized Colonial style home with 185 acres; suitable for duplex or 1-family residence; total of 8-rooms & 2-baths; 18x22 outbuilding for storage or animals; 40 apple trees; paved road frontage; much woods for private hunting. $55,000. No. A-2710. WEST REAL ESTATE AGENCY, INC. Office: 104 Dennis Avenue, Port Allegany, PA 16743, Phone: (814) 642-2464

MICHIGAN-SANILAC CO., Marion Twp. Crop and Dairy Farms, Most have homes and outbuildings. 73-160 acres parcels, some tiled, 641 acres total, 626 tillable, avg. $1700 per acre. Contact Brad Apsey, Deckerville, MI 313-376-3574 at Clare Wait Real Estate Inc.

FRANKLIN CO. LAND
212 ACRES in Amberson Valley (northern part of county), 40A cleared, 35A pasture (fenced & next to creek), & 137A mountain land (some timber). $106,000.
82 ACRES in St. Thomas Twp. About 45A tillable. Small stream. House is rough; barn not bad. $135,000
HAMILTON Twp., 39 acres, all tillable. Home had recent remodeling; all buildings good. $71,000.
J.L. LUTMAN
Real Estate
Chambersburg
(717) 264-2949

JUNIATA COUNTY - $89,900 - 161 Acres with stone farmhouse, spring house, barn, stream, woodland and cleared land. (204545) Coldwell Banker, Bob Yost, Inc. (717) 848-6300/757-7811

Berks Co. Poultry Farm For Sale - 20 to 50 acres available. 35,000 bird layer house on contract, excellent condition. 2 bedroom mobile home or will sell entire 60 acre farm. 215-562-7776

REAL ESTATE

77 acre dairy farm in Fulton Twp., Lancaster County, 54 stalls, 800 gallon tank. 717-548-3181

Farmette - set-up for dairy, presently milking 50 head, barn cleaner, silos w/unloaders, milk tank, etc., Assumable mortgage at 8½%, bare farm $65,000 or terms. 814-398-8073

Dairy Farm
320 acre dairy farm with jugging operation, nicely located in N.E. U.S.A. Everything goes. Lock, stock and barrel. For confidential info. call Mr. Long, Stimmel-Graul Realtors, P.O. Box 1883, Allentown, PA 18105
215-434-4878

REAL ESTATE

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

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Southern Minnesota's Finest Land and Farms
Grain, Hogs, Beef and Dairy
Units of 80 to 1200 Acres
All tillable and Contract For Deed Available
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Farms For Sale

Dairy Farms

Cumberland Co. working dairy farm, in the Newville area. 27 tie stalls, great set-up for a family farm. 85 tillable acres, 126 total acres. Large implement shed, pond, priced to sell at **$198,000.**

Juniata Co. dairy farm. 100 acres, new dairy barn, fine 3 bedroom home. 40 comfort stalls, 2 silos, plus like new mobile home. Priced to sell at **$175,000.**

Montgomery Co. dairy farm - stone home, 5,000' road frontage, sewer, price **$250,000.**

General Farms

Produce farm off of Route 11 and 15. Brick home, large bank barn, pond & lovely setting. 100 acres, price reduced to **$130,000.**

York Co. farm, 51 acres, 38 tillable, pond, stream, nice setting, frame home. Price **$145,500.**

Good Soil in York Co. 173 acres, 70 tillable, no buildings. Priced to sell at **$175,000.**

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

Paul M. Longacre
FARMS AND COUNTRY PLACES

BERKS COUNTY

97 acre dairy farm, level limestone soil, 50 cow stall barn w/pipeline bulk tank, features lovely 2½ story brick home w/modern kitchen, living room, 3 bedrooms & bath 6 bedrooms second floor Group heifer facilities 20x60 concrete silo 17x45 silo w/unloader, large 3 car garage, 80x30 machinery shed, & corn crib, pasture w/stream, lovely setting, operating farm $350,000

87 acre general farm w/2½ story stone double house, 6 bedroom, 2 kitchen, 2 living room, 2 baths, large barn, garage, out buildings Call for details $150,000 #363

MONTGOMERY COUNTY

55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath, 2 car garage, bank barn, 2 machine sheds, corn crib, silo & much more A very lovely setting, **$385,000 Reduced to $300,000.**

SNYDER COUNTY

65 Acre general farm w/88x45 barn w/block addition Large 90x36 implement shed, lg combination corn crib & shed Lovely 2½ story home w/kitchen, dinning room living room 3 bedrooms & bath Completely remodeled $125 000 #344

BRADFORD COUNTY

225 acre 147 T dairy farm w/new 42 stall dairy farm barn 800 gal tank, 2" pipeline, barn cleaner, concrete silo w/unloader, good 2½ story colonial house w/10 rooms and 2 baths and outbuildings $225,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

SUSQUEHANNA COUNTY

140 acre dairy farm, 95 tillable, gently rolling to almost level A picture clean farm operation with 42 stanchions, stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed spreader pit Two 20 x 40 concrete stave silos with unloaders, 650 gal bulk tank, 2 large poll sheds for machinery & heifers, frame 8 room 2½ story house, modern kitchen, 1½ baths, carport & patio Must be seen to appreciate. $225,000 #324

New

275 acre dairy farm w/lovely split level home, lr dr, frm, laundry, 4 bedrm, 1½ baths, 112 stall barn w/pipeline milking system, heifer barn, machinery shed, completely remodeled 2 story tenant house, dr, kitchen, frm, lr 3 bedrooms, 1½ baths Also 200 head of cattle, & full line of machinery $600,000

437 acre dairy farm, 50 stall barn with pipeline, bulk tank, barn cleaner & 18x50, 14x50 & 12x40 silos Heifer barn & machinery shed, shop & garage Lovely stone & frame Colonial home with modern kitchen, 8 rooms & 2 baths Also new second home with 5 rooms & bath Call for details $325,000

BUCKS COUNTY

100 acres of level Tinicum Bucks County soil, 95T, features lovely 2 story double home w/11 rooms & 2 baths 2 story bank barn w/50 stalls 1 mi road frontage A good operating dairy farm $360,000
PAYS FOR ITSELF

145 Acre jug milk farm superb facilities, lg store & sales area, 3500 gal milk holding capacity, modern processing facility including ice cream making? 185 cow free stall 5 lg silos lg heifer facility, 2 double houses & 1 single home shop storage sheds, outbuildings, 200 cows, 250 heifers full line of machinery additional rental acreage available Call for details $1,5000,000

171 Acre jug milk farm w/good sales store double 6 low line parlor, 120 free stalls, 3000 gallon milk holding capacity, 20x80 & 30x60 silos, 100' & 70' bunk feeders, large 6 bedroom home, completely modern, lovely 2 bedroom ranch Also full line of cattle & machinery available Call for details $650,000 A 358

100 acre general farm w/large brick 5 bedroom home, 1½ baths, in good cond large 2 story bank barn 20x60 concrete silo w/unloader & lots of frontage (adjoins 171 acre farm) $348 000

MONTOUR COUNTY

NEW

53 acre general farm 30T features lovely 2½ story home w/9 rms and baths New 16x32 in ground pool, bank barn, sheep pens, corn crib & chicken house #366 $105,000

LANCASTER COUNTY - SUPER FARM

150 Acre Dairy Farm, (2) 20x60 Harvestore, (2) 24x65 concrete silos, 203 cow super free stall, double 6 parlor, 2000 gal bulk, 150 free stall heifer facility Lg shop, tobacco shed, 2½ story, 3 family, 3 section stone home, pasture w/stream 200 acre additional for rent Financing available to qualified buyer $585,000 #349

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths remodeled Slightly rolling & level good ground $225,000 make an offer reduced $175,000 #310

187 acre dairy farm, 170 T pasture w/stream 2 solid and lovely farm houses 130 free stall barn 70 bunk feeder harvestore and concrete silos w/unloaders 2 large trench silos large machinery shed, 2 large heifer sheds and much more $530 000

NEW JERSEY

80 acre dairy farm gently rolling to level streams & pond 2½ story home with 4 bedrooms & 2 baths large remodeled kitchen, dining rm & laundry 60 stall barn & 80 freestall milkhouse bulk tank large shop new large machinery shed & corn crib 14x40 concrete silo & 200x25 trench silo $250 000

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For Sale
30 acre farm,
2 story brick
house and barn
Dutch Corner
area
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NEAR OXFORD
190 acre Dairy Farm. 150 acres tillable: Stanchions, large silos.
175 acre dairy farm, 50 stanchions.
95 acre dairy farm.
80 acres of bare land, no buildings.
We have more farms for sale.
Owner Financing.
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THANKSGIVING SPECIAL
For sale - 60 acres, $52,000. Good farming ground, farm house, relaxing vacation like natural setting. Extra land and woods available. Danville-Bloomsburg area. Owner financing.

Call Carl Diller
717-464-2233, 717-569-8701
or
717-733-3344
Kingsway Realty

Beautiful, gentle, rolling, Carroll County farm containing 180 acres with road frontage on Salem Bottom and Arthur Shipley Roads. Most of the land is type "A" with only nine acres of woods. Improved by farmhouse and old barn (40'x70') in need of repair. Also improved by a quality modern brick rancher, 50'x30', with finished basement. House may be bought separate from farm. Farm appraised at $2,200.00 per acre; house at $85,000.00. If interested, call T. Bryan McIntire, Personal Representative, 301-848-8888 or 301-876-1234.

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77 and 105 acres, Amish farms nearby, and 71 acres of woodland
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82 acre all open land, murrill soil.
20 acre dairy farmette, 8 tie stalls, silo w/feeder.
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400 acre vegetable or general farm, new machine shed, 2 large barns, irrigation ponds, exceptional home $500,000
75 acre general farm, make offer, owner wants to sell 3 bedrm. home, bank barn, drive through corn crib, 35 tillable, 20 pasture, 20 wooded, $79,000
No money down will buy this farm. 280 acres, 165 tillable, 30 pasture, exc. soil, 4 bedroom home in perfect setting, bank barn & machine shed.
New 28 stanchion dairy barn, heifer barn, 4¾ acres, $29,000 or available with 48 acres, no house. Buy or rent with option to buy.
Modern 450 acre beef & broiler set up, grain bins & dryer, mostly all tillable, prime level ground, 2 modern homes, poss. owner financing, will divide, Amish neighbors, $900,000.
Amish neighbors - 130 acres, 60 tillable, 30 pasture, balance wooded, 8 room home, extra large bank barn, 10x50 & 16x50 silo, grain storage, 32x80 barn $150,000.
Lykens Valley Farm 110 Acres, 90 tillable, nice home, possible terms. $210,000.
62± acre general farm, 12 room home, coal or oil heat, bank barn, $75,000.
BRADFORD CO.
192 acre operating dairy farm, 150 acres, 3 silos. Possible owner financing at $245,000.
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CORTELYOU
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Southeast Bradford County Dairy Farm
192 acres, 110 tillable,
52 stanchions, 2 silos,
large bulk tank, 3 bedroom frame dwelling,
many other good features.
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Broker-J. Irvin Denlinger 717-898-8962

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NEWPORT R.D. 1 - 78 Acre General Farm with Pond. Partial owner financing $124,000
LIVERPOOL R.D. 1 - 95 Acre Tree and Hobby Farm with Y-Shaped Ranch House with Many Extras and Small Barn and Orchard. Approximately 30 miles from Harrisburg $136,000
ELLIOTSBURG - 171 Acre General Farm with remodeled stone house and frame barn. Owner financing $249,000
R.D. 1 LOYSVILLE — 181 Acre General Farm with 90 tillable acres. Barn and remodeled house. Owner Financing $199,000
R.D.2 MILLERSTOWN - 117 Acre Hog and Beef Farm with remodeled house $240,000
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MARLIN H. FIELDS
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Mifflintown, PA 17059
Office (717) 436-8839
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WIMPLE REALTORS... STATEWIDE FARMS
CENTRAL NEW YORK
FRONTAGE ON LARGE LAKE enhances this 209 acre dairy near Cooperstown. 120 acres tillable, 120 acres in alfalfa. Very good 43 cow barn with cement silo, cleaner, dumping station. Heifer barn. Fully equipped machine shop. Stylish 7 room split level ranch home. INCLUDES 43 milkers, 27 YS, 3 tractors and well-maintained machinery. JUST LISTED! $265,000.
IDEAL HORSE/BEEF FARM: 230 acres at end of lane, large pond, 135 acres tillable. Unspoiled Greek Revival home, 5 bedrooms, plank floors, large kitchen. Large barn with box stalls. Also carriage house. JUST LISTED! $100,000 with $20,000 down. CALL WIMPLE'S SLOANSVILLE OFFICE: 518-875-6355 MANY OTHERS
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ST. LAWRENCE VALLEY
WHITE RAIL FENCED SHOWPLACE: 362 acres, 200 tillable, high state of cultivation. Beautiful barn; 65 inverted V ties, 2" Delaval pipeline, 2 lrg. unloading silos Immaculate 9 room home. Also stately stone tenant house on lane. **INCLUDES:** 65 purebred Holstein milkers, 39 heifers, 3 tractors and all machinery for $440,000 with owner terms.
WITH $35,000 DOWN you can buy 90 Holsteins, 3 large tractors, full line of machinery, over 350 acres on deep water river, an excellent 47 tie pipeline barn with many modern features and a beautiful home Awful-anxious owner drops price to $195,000 for fall sale CALL WIMPLE'S GOUVERNEUR OFFICE: 315-287-4163.
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150 acres tillable with 30 acres in alfalfa; 80 acres pasture. Free stalls, milk parlor. Good modern house.
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REAL ESTATE

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75 ACRES (LIMESTONE SOIL)
Special Financing Available on this farm located in Cumberland County Large 2 story house, barn in excellent condition, Fickes silo and several other out buildings. This property must be seen to be appreciated. Lots of road frontage. After hours call Joseph M. Phillips, Jr (717) 582-2819

95 ACRES
75 acres tillable. House log and frame Outbuildings include garage, hog pen, Barn, Milk house, Fickes silo, Chicken house, Wagon shed with corn cribs and an implement shed. $95,000 00 After hours call Arthur T Kerns (717) 243-6345

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250 acres w/additional 111 acres available located in the heart of a good farming area in Perry Co near Loysville This farm has a trout stream & several springs Property also has lots of road frontage & 2 story 4 bedrm. house in good cond Partial amt. of acreage is in good timber OWNERS WILL SUBDIVIDE! After hrs call Kathy Clelan 717-776-5297

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64 Acre Limestone Dairy farm 57 Acres tillable Good double house, Barn for Cows & Steers Attractive Owner Financing

BERKS CO.
108 Acre Dairy Farm 90 Acres tillable Large Meadow & Stream Barn w/51 Stanchions, room for heifers, etc Nice House All buildings in good repair Priced to Sell

CUMBERLAND CO.
102 Acre Limestone Dairy Farm Large Milking Parlor, 68 Free Stalls, 3 Silos Nice set-up for cows Good Terms

LEBANON CO.
103 Acre Steer & Hog Farm 75 Acres tillable Terrain level to very gentle slope Buildings need some work. Priced to Sell

YORK CO.
135 Acre General Farm 90 Acres tillable - remainder in woodland Buildings need work Owner Financing

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$14,500
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evenings

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Dec. 4, 11 A.M.
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710 Oak St.
Farmville, VA 23901
Office 804-392-6191
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804-392-3002

SHEETZ REAL ESTATE
RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA
CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

172 acre limestone dairy, 250 cow free stalls w/double 6 parlor, modern rancher. Call Mr. Niesley

25 acre dairy farmette, new 2 story brick house, 50 comfort stalls, 2 silos, new implement shed. Call Mr. Niesley.

JUNIATA COUNTY

100 acre grain farm (73 tillable, 27 timber). Nice stream, secluded, no bldgs. Call Mr. Benner.

42 acre general, 2 story log home, barn and other bldgs. Excellent turkey and deer hunting. Near state game lands. Call Mr. Benner

5½ acres wooded, ½ hard, ½ X-mas trees. (Reduced). Call Mr. Bitting.

PERRY COUNTY

70 acre general - 2 story frame house, bank barn and other buildings. Call Mr. Bitting.

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32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
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EARL I. STERN - 717-748-7376
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OPERATING PULLET FARM - 26,000 bird modern pullet house with excellent tract record. Sign on with existing or new lease for all the birds you can produce or raise your own chicks for greater return. 60+ acres several good outbuildings, nicely remodeled 5 bedroom home, minimal labor situation allows outside job. FLB and Seller terms available Asking $229,000 M-357 PH: 717-662-2138.

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W-683 5.69 acres	7,950.00
W-677 13.65 acres	8,750.00
W-668 10± acres	8,950.00
W-612 46.7 acres	18,500.00
W-687 23.08 acres	19,500.00

CAMPS FOR SALE

W-660 1± acres	$18,500.00
W-684 1.05 acres	19,900.00
W-665 3± acres	23,500.00
W-643 19.5 acres	25,500.00
W-656 2± acres	29,900.00

Call for our free list of properties available. We have other camps and land that is wooded, open, with springs, and owner financing. The Real Estaters of Wellsboro, 120 East Ave., Wellsboro, Pa. 16901 717-724-5921.

The Real Estaters

Offices: Area Code - 717
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Cobleskill Area: 160 acre farm. 2 - 16x44 silos, good 30 cow tie stall barn, good 8 room colonial home and outbuildings. Comes with 30 cows plus Y.S. and modern line of equipment and crops. Complete for $185,000. Liberal FmHA financing available.

Amsterdam Area: If you have cattle and equipment and would like a chance to own your own farm, this farm is for you. 170 acres, V.G. 56 cow barn with all barn equipment. 80x36 concrete bunker silo, 3 BR remodeled home. This farm is very reasonably priced with super terms to the right farm couple.

Onieda Cty.: 233 acres, 160+ tillable acres of good alfalfa soil, 80 large tie stalls, 2" 6 unit Surge pipeline, liquid manure lagoon, large equipment shed, 2 20x60 silos, plus leased 20x45 Harvestore, V.G. home. This is a V.G. productive farm in an excellent dairy area. Priced at $235,000.

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ALL SIZES TO 3,000 ACRES
MOST FARMS WITH OWNER FINANCING.

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FARMS & LAND

F1-235 Mini farm, 16 acres, mostly tillable, in Union Co 1½ story house w/fireplace Bank barn & more Only $65,000

F1-2-29 4½ acre poultry farm in Snyder Co 2 story house, 3 story poultry house which includes fans, waterers, chain feeders, aux power unit, exc $120,000

R1-2-11C From hummingbirds to Canada geese Enjoy them daily on this 56 acre bird paradise includes 25 acre lake Close to town Lovely brick ranch home Great retirement place Only $92,500

L1-2-38 60 acres mountain land in Southern Co $27,000

F1-2-34 Snyder County Amish farm 126 acres Over 80 acres tillable 20 acres permanent pasture $115,000

F1-2-31 Dairy farm w/cows and machinery in Union County 140 acres w/over 100 acres of excellent tillable soils All for only $324,000 Or buy farm only Some owner financing

F1-2-28 10 acre turkey farm Modern Over 76,000 square feet of floor space Dirt floors 45 KW auxilliary power included Union County $410,000

F1-2-23 Dairy farm in Union Co Good producing farm with 3 silos and unloaders 102 tree stall barn, bank barn, etc 1000 gal bulk tank, pipeline milking system, 75 acres ap prox 65 acres tillable, class II and III soils $199,000

F1-2-25 Union Co 50 acre general farm Limestone Twp near White Springs 35 acre tillable Excellent producer $100,000

Road frontage near Selinsgrove on U S Rt 522 With or without buildings Excellent business location High traffic area

Other Farms Also Available

ERA
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22 N. Market St.
Selinsgrove, PA 17870
(717) 374-2165

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#0-927 - Glacial river valley, 453 acres Honeoye soil, tie stall operation for 148 milkers, 5 large cement silos, 2 fine ranch homes. Owner financing - bare $675,000.

#D-931 - 214 acres Brownstone silt, river bottom and rolling, large tie stalls for 80 milkers, 4 large silos; remodeled colonial home. Picturesque setting; terms. Available bare, $215,000.

Century 21
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HORSE FARM - RISING SUN, MD - 30 ac. - 10,000' board fencing with paddocks, 3 run-in sheds. 9-stall barn with heat; hot/cold water, flysprayer. 25-stall barn has tack room, feed room, office, rest room, inside walker, Anthony exercise pool, spraying. Large track, modern home — 1 hour from Balt. and Phila.

460 ACRES ON ELK RIVER — 3 houses, chapel, boat sheds, barn, greenhouse, dock — beautiful setting — will divide.

SUMMIT — near PA line in MD - 32 acres - old house needs work, barn. $69,500. OWNER FINANCING

DAIRY FARM — Near Rising Sun, MD - 49 acres - 5 BR 2 story has L.R. D.R. kitchen, bath, porch — good condition. 15 acres pasture, 5 wooded, 30 farmland. Dairy barn with milk house, 2 silos, bull pen, calf barn, horse barn with loft, pig pen, chicken house, 3 corn cribs, 1200' road front. $200,000.

W. NOTTINGHAM TNSHIP - 86 acres - tillable ground, some woods, stream - 3 BR 2 story has L.R. D.R. bath, kitchen - 2 out buildings OWNER FINANCING $250,000.

MASON-DIXON REALTY
Rising Sun, MD
301-658-4911

REAL ESTATE

HOG$ ARE BEAUTIFUL

86 acre Hog factory - Featuring new 1974 Rambler home - additional smaller home - Complete farrow to finishing - automated grain handling.

Additional Hog farms available

COMPLETE DETAILS AVAILABLE

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Faribo Realty
P.O. Box 836
Fairbault, Minn.
55021
507-334-2081

64 STANCHION DAIRY FARM

284 acres, 160 acres tillable, level for farming, 90 acres woods, 24x70 silo, 2 Agway machine sheds, large shed 120x36', 1,000 gal. bulk tank, nice house, $295,000.

CENTRE COUNTY

Centre Hall, State College 152 acre dairy farm. 85 tie stalls. Machine shed, Heifer barn, Silos, Pipeline, Tank, Limestone Soil. Stock & equipment can be bought $650,000.

BRADFORD COUNTY

Troy, Rt. 6, 30'x40' 2½ story block building, ideal for camp, on lot 100'x300'.

LANCASTER COUNTY

Bowmansville, 3 bedroom stone and frame house, 2 fireplaces, on 20 acres of woods.

EAST END NITTANY VALLEY CLINTON CO.

112 acres general farm, limestone, 60 acres farmed, more can be farmed, 28 acres pasture, owner financing, $165,000

Donald R. Witwer,
Broker
Ephrata, PA
215-267-7963

REAL ESTATE

DAIRY OR BEEF

230 acres, mostly level, excellent soil. Large frame dwelling, tenant dwelling, large barn with milking parlor, bulk tank, four silos, everything is A-1 reduced, Owner financing possible.

DAIRY FARM

140 acres dairy farm, large frame dwelling, barn with pipeline, bulk tank, utility buildings, good soil.

GENERAL FARM

116 acres with a nice stream running through the property, large frame dwelling, barn, other outbuildings, needs some work.

GENERAL FARM

114 acres, near new dam, dwelling barn, outbuildings.

SMALL FARM

10 acres, retirement farm, dwelling, barn and outbuildings.

JACK H. KNEPP REALTOR
717-658-6303
Dallas E. Will
717-543-5685

LEBANON CO.

42 acre modern broiler farm, 104,000 bird capacity, nationally known homestead, old stone home, comp. remodeled, deep window sills, 4 bedrooms, 4 fireplaces, sliding glass doors, 2 car attached garage, frame bank barn, chicken coops, many many extras. $582,000. Owner will sub-divide, consider offers, etc. Let's work something out!

MONTOUR CO.

New Listing

57 acre general farm, approx. 50 tillable, very attractive residence, old barn in very good condition, 1000' of frontage on Rt. 44 & 54.

Henry Gehman, realtor
215-445-6653

REAL ESTATE

WAYNE COUNTY (NY)

Highly productive 195 acre dairy farm, 55 stanchions, cleaner, bulk tank, 2 silos, shop, storage building, 10,000 bu. grain bin, 500 bu. dryer, remodeled 5 bedroom 2 bath home, excellent water supply, 40 acres in heavy woods, health forces sale, owner will finance. Farm ready to operate. Approx. 3 miles to Mennonite Church.

119 acre adjacent farm, 60 acres tillable, 40x90 pole barn w/silo and unloader. Owner will finance.

Wayuga Realty
Red Creek, NY Box 217
315-754-6554 or 754-8734

BRADFORD CO.

260 acre river valley dairy and produce farm. 180 acres tillable. Highway location with busy roadside market. Good dairy and equipment included for $565,000. Real estate only $395,000. Unusual potential on this choice operation. Some owner financing.

UNITED FARM REAL ESTATE

OF PA INC.
R.D. 1 Towanda, Pa. 18848
717-265-5924

***NEW LISTINGS**

PERRY CO.

145 A Dairy Farm near Ickesburg 66 Tie Stalls, DeLaval pipeline milker, 1000 gal bulk tank, 2-20 x 60 Silo W/unloaders 1-20 x 38 Harvestore Silo 50 x 100 Loafing Barn W/Bunk feeder Implement Shed & Heifer Barn Little Buffalo Creek runs thru pasture modern 4 B R dwelling

BERKS COUNTY

7 6 A wooded near Rehrersburg Tulpehocken Twp.

8 A Farmette N. of Myerstown 1 story 2 B.R., 6 year old dwelling, metal 36 x 48 barn, 2 wells w/wind mill in pasture.

60 A General farm near Yello House 35 A tillable, bal. pasture with pond and stream Modern 4 B.R. stone dwellling, large bank barn, corn crib

108 A Limestone Dairy near Oley 76 show ease tie stalls, 4 unit pipeline milker, 800 gal. bulk tank, heifer barn, 20 x 60 star sealed silo, 20 x 60 Fickes Silo, 12 x 40 silo, 40 x 70 implement shed, Modern 3 B R dwelling Ready for today's diaryman

LANCASTER COUNTY

40 Acre Farm near Reemstown Approx 20 acres tillable, stream in meadow modern 3 B.R. dwelling, large frame bank barn, 3 car heated garage w/shop area bldgs., less then 20 years old.

15 Acre Farmette West of Honey Brook 2½ story block and stucco, 3 bedroom dwelling, horse barn and implement shed

13 A Farmette N of Ephrata mostly tillable some wooded road frontage Modern 5 B R. dwelling, large bank barn, spring house, 30 x 44 metal storage bldg don't miss this one.

LEBANON COUNTY

146 acre general farm, near Fredricksburg 106 acres tillable, large bank barn, implement shed, poultry house & garage. Meadow w/stream, some woodland, 3 bedroom dwelling

JUNIATA COUNTY

78 A General farm near Richfield 44 A tillable bal wooded and pasture Modern 2½ story, 3 BR dwelling Large bank barn, chicken house, hog sty etc

CHESTER CO.

6 6 A farmette 1 A tillable bal wooded w/stream in pasture 2½ story dwelling, large bank barn

CUMBERLAND COUNTY

188 A general farm, south of Shippensburg 176 acres tillable, mostly Murrill soil, large bank barn, corn dryer, many other out buildings Modern 3 bedroom dwellling, would make an excellent dairy, hog or beef farm

Milton G Huber 717 299 5136
James Marsh 717 529 2678

CHRISTIAN M. MOSEMANN
Real Estate Broker
734 Main Street, Akron, PA 17501
717-859-1004 With 24 hour service
or Paul Z. Musser 717-733-8107
or Paul Smith 717-933-8156

FEATURING FIRST AND THIRD MONDAY EACH MONTH

GRADED FEEDER PIG SALE

1:30 p.m. Sharp!

Telephone 302-734-2016 or 284-4541
Tele-O-Auction - 302-284-4912

* Tele-O-Auction - Bid over the telephone.
* Easy to reach - Rt. 13, on South Bound Lane, approximately 10 miles South of Dover, Delaware.
* Quick Service - Load & Unload.
* No Dealer pigs.
* Pigs received after 7 a.m. until 11 a.m.
* Consignors - Paid day of sale.
* Veterinarian inspection on premises - Dr. Towers.
* State Graded.
* Pseudorabies Free State.

Auctioneers-Harry Barrett - Chester Lee Carroll

AUCTIONS OF ALL TYPES

TWO DAY PUBLIC AUCTION

VALUABLE ANTIQUES & HOUSEHOLD GOODS
FRI. DEC. 10 & DEC. 17
at 10 A.M.

Located along Rt. 372, midway between Quarryville and the Buck or 13 miles south of Lancaster off Route 272 at the Buck, turn east on Route 372 about 2½ miles.

Brass bed, round oak table and 2 boards, hall rack, drop leaf table, Milton piano and bench, organ stool, piano rolls, Victrola and record albums, Jelly cupboard, wash stand, 5 Walnut parlor chairs, there are plank bottom and cane chairs, old rockers, old magazines and post-cards, glassware, tin ware, old toys, old tin cigar display case, dove tailed copper kettle, copper tea kettle, two iron kettles, wheat cradle, wooden egg crates, cast iron pot belly stove, butchering ladles and more.

Auctioneer's note - Don't miss this sale. Antiques galore. One of the better sales in the southern end of Lancaster County. Both sales start at 10 A.M.

Not responsible for accidents day of sale.
No out of state checks.
Refreshments available.

Owner,
JOHN W. LEWIS, JR.

Lloyd H. Kreider and Randal V. Kline and Gary L. Shirk, Auctioneers.

KREIDER & KLINE AUCTION SERVICE

REAL ESTATE

FARMS FOR SALE...

260 ACRES...level limestone and murriel land, undivided by any roads..... **$1,117,000**

350 ACRES...level limestone land in one block of land, just 10 acres split by a road, 2 sets of buildings **$1,050,000**

459 ACRES... shale soils and 3 sets of buildings **$840,000**

153 ACRES...river bottom and shale soils with 48,000 layer operation..... **$490,000**

147 ACRES... long contoured fields, shale soils **$215,000**

117 ACRES...dairy farm, shale soils **$185,000**

65 ACRES...old dairy farm..... **$175,000**

54 ACRES...limestone, pasture and tillable, beef operation with stone home **$165,000**

235 ACRES... good topography, good home and other buildings **$150,000**

77 ACRES...house and barn **$125,000**

35 ACRES... woods, pasture, some tillable, four rentals plus barn **$64,900**

• Call For details...

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

REAL ESTATE

SELLING YOUR FARM?

SANFORD G. LEAMAN
ASSOC. BROKER
and
AUCTIONEER

AUCTION OR BROKERAGE?

It is your option when you call us. We will explain both plans and then you choose. No obligation.

If you are thinking of buying or selling a farm or farmland call Sandy today. He will be glad to serve you in any county.

ERA

HIGH REALTY CORP.
1837 William Penn Way
Lancaster, Pa. 17601
(717) 393-5661 Home 656-6834
A High Industries, Inc. Company

FIFTH ANNUAL YEAR-END
PUBLIC AUCTION

(Auction To Be Held Indoors Except For Large Items.)

HARDWARE, HAND & POWER TOOLS, CHAIN SAWS, WELDERS, LAWN & GARDEN EQUIPMENT, AIR COMPRESSORS, FORD VANS, FARM EQUIPMENT AND MANY MISCELLANEOUS ITEMS.

SATURDAY, DECEMBER 4, 1982

9:00 A.M.

Located along East Farmersville Rd., Farmersville, Pa. (Lancaster County)

DIRECTIONS

FROM EPHRATA, PA. Take Rt. 322 East to Hinkletown. First right after traffic light to first road right after Sensenig's Furniture Store, East Farmersville Rd. 2 mile to sale.

FROM NEW HOLLAND, PA. Take Rt. 23 West to Shirk Rd., at Good's Furniture Store, turn right, 4 mile to East Farmersville Rd., turn left, 2 mile to sale.

FROM LANCASTER, PA. Take Rt. 222 North, to Rt. 772 East, to Brownstown, at post office, turn left to West Farmersville Rd., turn right 3 mile to sale.

WATCH FOR AUCTION SIGNS

DOOR PRIZES

★ 1st CENTURY 295 AMP Welder
★ 2nd ECHO 452 Chain Saw
★ 3rd BOLENS 20" Mulching Mower
★ 4th HOMELITE 150 Chain Saw
★ 5th CENTURY Gas Torch Kit
★ 6th MILWAUKEE Sawzall Kit
★ 7th SK ½" Socket Set
★ 8th Drydene 15/40 Oil (Case)
★ 9th DEKA Booster Cables
★ 10th WHITE 4-210 Toy Tractor

All adults who register for an auction number by 9 AM are eligible to win these door prizes. Winners must be present to win. Drawing will be held at end of auction.

NEW CHAIN SAWS
6 - Homelite 150 w/16" Bar
2 - Homelite Super EZ w/16" Bar
4 - Echo 280E w/12" Bar
2 - Echo 315 w/12" Bar
4 - Echo CS302S w/14" Bar
3 - Echo CS35IVL w/16" Bar
6 - Echo CS452VL w/16" Bar
3 - Echo CS650EVL w/20" Bar

USED CHAIN SAWS
3 - Homelite Super EZ w/16" Bar
Homelite 360 w/20" Bar

NEW WELDERS
6 - Lincoln AC225/DC125 AMP
1 - Century AC230/DC140 AMP
6 - Century AC 295 AMP

USED WELDERS
1 - Miller AC180 AMP
1 - P&H AC180 AMP
1 - Lincoln AC225 AMP
2 - Century AC295/DC250 AMP
1 - Century 117-002, Mig Welder, Complete Kit
1 - Miller SCP-200C, 200 AMP Mig Welder w/Wire Feeder, Cart, Many Extras

WELDING RODS
100 - 5 Lb. Packs
Assorted Sizes

NEW GENERATORS
1 - Homelite E1700-1, 1700 Watts
1 - Homelite E2250-1, 2250 Watts
1 - Homelite 176A35-1C, 3500 Watts
1 - Homelite 180A75-1A, 7500 Watts

NEW
DEKA H.D.
Booster Cables

NEW PORTABLE HEATERS
4 - Reddy M30, 30,000 BTU
2 - Guardian 40S, 40,000 BTU
2 - Guardian 55S, 55,000 BTU

NEW WEED TRIMMERS
3 - Weed Eater XR-50
4 - Weed Eater XR-70
1 - Weed Eater XR-75
1 - Weed Eater XR-90
1 - Echo GT140
1 - Echo GT160A
2 - Echo GT200A
1 - Echo SRM200DB
2 - Echo SRM300E
3 - Echo SRM400E
3 - Green Machine 4000

USED WEED TRIMMERS
2 - Weed Eater 1000
1 - Weed Eater XR-90
1 - Weed Eater XR-50
1 - Echo GTL140
1 - Echo SRM200
1 - Echo SRM 200DA

NEW UTILITY SHED
12 Ft. x 28 Ft.
Mfg. By Zook

USED ROTARY MOWERS
1 - Jacobsen Super Bagger, 20" S P., Elec. Start, Rear Bagger
1 - Snapper V211, 21" w/Rear Bagger
1 - Lawn Boy R7266, 21"
1 - Lawn Boy R7070, 21"
1 - Lawn Boy 8233, 21" S.P., w/Rear Bagger
1 - Toro Guardian, 21" S.P., Elec. Start
1 - White 990-142, 22" S.P., w/Rear Bagger
1 - American Hardware, Franklin 22" S.P., w/Side Bagger
1 - Lawn-Boy 7266 21"
1 - Lawn-Boy 8234AE 21" S.P., Electric Start, Side Bagger
1 - Lawn-Boy 4503, 20"
White 991-246, 21" S P.
Lawn-Boy 5270, 19"
Bolens 8621, 20" Mulcher
Bolens 7454, 22"
Jacobsen 42167, 20" S.P. Mulcher
MTD 122-570A, 26" S.P. High Wheel
MTD 122-550A, 22" S P. High Wheel

NEW ROTARY MOWERS
2 - Lawn-Boy 4503, 20"
1 - MTD 112-618A, 4 H P., 20", w/Side Bagger
1 - MTD 112-530A, 5 H.P. 22", High Wheel

1-1972 FORD CLUBWAGON
Window Van, 6 Cyl., 3 Spd. Trans.

2-1974 FORD CLUBWAGON
Window Van, V-8, 3 Spd. Trans.

NEW GARDEN TRACTORS
1 - White GT-1822, 18 H P., 4 Speed, w/50" Mower
1 - Bolens G16X1, 16 H.P. 4 Speed, w/42" Mower

USED GARDEN TRACTORS
1 - Wheel Horse, C161, 16 H.P., Hydro, w/48" Mower & Snow Blade
2 - Sears, Suburban, 12 H.P., 6 Speed, w/42" Mower
1 - Wheel Horse 700, 7 H.P., 3 Speed, w/32" Mower
1 - General Electric E12M, 12 H.P., 3 Speed, w/42" Mower

USED CAMPBELL HAUSFELD VT3169
2 H P., 30 Gal. Vert. Tank Air Compressor

NEW HYDRAULIC CYLINDERS
40 - 3"x8" Energy
20 - 3½"x8" Cross
10 - 4" x8" Energy
1 - 5"x8" Cross

5 NEW BOLENS & WHITE SNOW BLOWERS

USED RIDING MOWERS
International Cadet, 75, 7 H.P., 3 Speed, 36" Mower
Bolens 831, 8 H.P., 5 Speed, w/30" Mower
Wheel Horse A-800, 8 H P., 3 Speed, w/32" Mower
Sears 8 H.P., 4 Speed, w/36" Mower
Sears 10 H.P., 3 Speed, w/36" Mower
White T-800 8 H.P., 5 Speed w/26" Mower
Ariens 5 H.P. 4 Speed w/25" Mower
Penncraft 1802 7 H.P., 4 Speed, w/25" Mower

USED SNOW BLOWERS
Hahn CH-584-5, 5 H.P., 24"
Toro S140, 14"
Snowbird, 5 H P., 26"

2 NEW HOMELITE WATER PUMPS

USED REAR TINE TILLERS
Troy Bilt, 7 H.P., 21"
MTD, 8 H.P., 21"
MTD, 5 H P., 21"

LARGE QUANTITY New Milwaukee Power Tools

NEW FARM EQUIPMENT
Bush-Hog 5 Ft., 3 Pt., Rotary Cutter
Bush-Hog 5 Ft., 3 Pt. H.D. Rotary Cutter
Bush-Hog 7 Ft. 3 Pt. Rotary Cutter
Vicon PS302 Seeder-Spreader
Vicon PS402 Seeder-Spreader
Vicon PS600 Seeder-Spreader
Brillion 12 Ft., 4 In. Pulvi Mulcher

25 NEW CENTURY Battery Chargers

NEW SANBORN AIR COMPRESSERS
1 - 19M33-2, ½ H P.
1 - 84A100-22, 1 H.P
1 - 84A150-22, 1½ H P.
1 - 104A200-22, 2 H P.
1 - S5242B, 5 H.P., 80 Gal Vert. Tank

NEW CENTURY 113-005-000 Oxy-Acetylene Propane Welders

MISCELLANEOUS
4 - Drill Press 5 Speed
1 - Band Saw
10 - Bench Grinder
50 - Bags Lawn Food
10 - Bags Weed & Feed
Large Quantity of S-K And Other Hand Tools
Barb Wire
Fence Posts
Ball Mason Jars
Campbell Sand Blast Kit
Sanborn Sand Blast Kit

4 NEW LAMBERT & PARKER Pull Type Lawn Sweepers

25 NEW DEKA 12 VOLT BATTERIES

- **NOTE:** Make plans NOW to attend this auction. We have a lot of inventory that must be sold in addition to what is listed in this ad. Many of these items would make ideal Christmas gifts.
- **ORDER OF AUCTION:** 9 AM Hardware, Lawn & Garden Equipment.
  2 PM Farm Equipment and Ford Vans.

Auction By

FARMERSVILLE EQUIPMENT INC.

RD 4, EPHRATA, PA 17522
717-354-4271

FREE COFFEE & DONUTS - FOOD AT AUCTION

Auction Conducted By:
John E. and Paul E. Martin, Auctioneers
717-733-3511 - 717-733-3305 Ephrata, Pa.

TERMS: CASH, VISA, MASTERCARD, or GOOD CHECK

The following farm machinery is being offered as a sealed bid auction by the piece or as entirety. To be submitted by

DEC. 15, 1982

1950 Ford tractor, running; Oliver 77 tractor, not running; Oliver 60 tractor, not running; Oliver 3 bottom plow; John Deere corn planter, two row, needs work; Flat wagon, 12 ft. on rubber; Flat wagon, 14 ft. on rubber; spring tooth harrow; New Idea tow sickle mower; cultivators for Oliver tractors; hay dryer; roller.

HATFIELD GALLERY AUCTION
368-6646
P.O. Box 152
Hatfield, PA 19440

LARGE PUBLIC SALE

MANY FINE ANTIQUES, SOME MODERN HOUSEHOLD, GUNS, GARDEN TRACTOR, TOOLS, ETC.

SATURDAY, DEC. 4, 1982

At 9:00 A.M. Sharp

Due to the undersigned moving away, we will sell, at Public Sale, on the premises, located 2 miles North of East Berlin, PA on Route #194, Dillsburg Road, to wit:

ANTIQUES

Nice oak 3-piece bedroom suite; Oak washstand; 5-piece wicker sunporch set; Nice wicker baby buggy; Nice walnut youth cradle with heart cut; dovetailed; 2 Nice Boston Rockers, one with original decorated flowers; Parlor platform rocker; Nice jelly cupboard; Oak nite stand; Piano stool with snake head feet; 2 Nice oak chairs with carvings & heart cut back; Unusual walnut wall tie rack with mirror; Nice tea cart; Oak round top mortise leg nite stand; The wicker ferneries; Nice 4-piece wrought ice cream set; 2 other ice cream chairs; Nice softwood dry sink; Press back high chair with tray; 2-Lid wood box, dovetailed; 3 8-day mantle clocks, 1 walnut case; Childs splint seat & back rocker; Three coffee grinders; Nice string of brass sleigh bells; Tiffany glass window; Nice hanging lamp with tiffany glass shade; Red gone-with-the-wind oil lamp; 1 pair of nice brass chandeliers with prisms; Nice album with holding frame; 3 pairs of nice brass knob horse hames; Copper tea kettle; 2 wooden wheelbarrows; Hickory back chairs; Dolls; Nice tinware; some decorated; Horse shoeing box; 2 Cherry seeders; Rug beaters; Railroad & barn lanterns; Table flatware; Iron fry pans; Bee smoker; Iron banks; Many nice pictures & frames; Nice labeled Paul Jones 10 gal. glass jug; Stone jugs; 2 Oak clothes trees; Brass miner & bicycle lamps; Iron ladels; 2 wooden rakes; jewelry; jardiniers; McCoy, Hall and Roseville pieces; Pattern & pressed glass dishes; 2 Peanut jars; Spring scales; Brass scale scoop; Collection of Weaton Nuline bottles; Many other bottles; Some marble sodas; 100's more antiques not listed.

GUNS

Fox 16 Gauge hammerless double barrel shotgun; 300 Savage Deer rifle.

MODERN HOUSEHOLD

Duncan Phyfe stand; Nice 3-drawer sewing cabinet; 2-Piece maple frame living room suite; Nice 4-piece porch glider set; Childs table & 2 plank seat chairs; Pinball machine; Nite stand; Nice crystal chandelier with prisms.

TOOLS

Nice portable air compressor with air hose & spray gun; Nice garden Merry Tiller with weeder forks; Bag cart; 2 Metal wheelbarrows; Garden tools; Many items too numerous to mention.

Note: This is a real nice lot of personal property.

Not responsible for accidents day of sale.

Lunch stand at sale.

TERMS: Cash or approved check.

In case of inclement weather this sale will be conducted indoors.

Owners,

ELGIN E. & JANET L. WILT

CLAIR R. SLAYBAUGH, Auctioneer
Idaville, PA
Phone: 717-677-7479

CLIP AND SAVE THIS AD
WILL APPEAR ONE TIME ONLY

Public Sales Register

Closing Date - Monday, 5.00 P.M.
of each week's publication

NOVEMBER

SAT. NOV. 27 - 11 A.M. Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc. Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners. Ray Long & Dave Imes Auctioneers.

SAT. NOV. 27 - 2 P.M. Public Auction of 49 acre Limestone and Gravel Soil Steer and Tobacco Farm. Location - take Route 272 or 222 North from Lancaster or South from Ephrata to Brownstown. At Brownstown take Route 772 West to Rothsville. In Rothsville turn right onto Rothsville Road to 1st farm on left. Warwick Twp. Lancaster County, Pa. Auction by Aaron M. and Mary Z. Reift, 1935 Rothsville Road, Lititz, Pa. Auction conducted by John E. and Paul E. Martin, Auctioneers.

SAT. NOV. 27 - 1 P.M. Public Sale of Real Estate. Located on Rt 624 at village of Martinsville, 6 mi south of Wrightsville, PA, 1 mi west of Craley, PA on Rt. 624 and L.R. 66012, Lower Windsor Twp., York Co., PA. Jacob A. Gilbert, Auctioneer

SAT. NOV. 27 - 9 A.M. Public Sale of Farm and Heavy Duty Truck Equipment. Located 3 mi. east of Linglestown Sq. or take Manada Hill exit 27, go west on Rt. 39, approx. 1 mi. Pete Sleva, Owner. Richard P. McNeal, Auctioneer

SAT. NOV. 27 - 11 A.M. Public Sale of Land. Located between Reading and Pottstown, approx. ½ mi. north of Rt. 422W along Monocacy Hill Rd., Amity Twp., Berks Co., PA. Elton and Alvin Horning, Auctioneers.

COMPLETE DISPERSAL
TWO DAY AUCTION
JOHNSON BROTHERS
CLAYTON, NY
FRI. DEC. 3 at 11 A.M.
SAT. DEC. 4 at 11 A.M.

Located 60 miles north of Syracuse, 18 miles West of Watertown, 8 miles east of Clayton, just off Route 12 on the St. Lawrence Road. Use exit 47 from Route 81. Arrows Lunch

135 Top Cattle 135
(35 Registered with papers)

Selling day one - 80 Holstein mature cows of which 15 sell Registered with papers, 10 cows fresh, 10 springing, balance milking good and will be vet examined Popular Eastern sires represented in this home raised dairy are Challenge, Simpson's Apostle, Ivanhoe, Robbie, Willow, Strethon and Astronaut Lewie Service sires are also by top Eastern studs 1981 rolling herd average on DHIA was 15,680 lbs , 3 8 but terfat Many cows sell with records from 15 to 20,000 lbs with several individuals as high as 23,800 lbs 10 bagging first calf heifers, several registered 22 extra large heifers that are short bred, several Registered 8 extra large open heifers, ready to breed, 12 yearlings, 8 months old extra fancy, 4 registered, 13 started calves with 5 being registered This is an extremely nice set of cattle, with a herd being large and nicely uddered and carry a lot of condition The young stock are as nice as you will find anywhere that have excellent breeding and look the best All cattle nasalgened Catalogs sell in heated tents Catalogs at ringside

Machinery

Selling day two - 5 tractors, IH 1086 4 wheel drive with cab, air conditioning, radio, with only 1200 hours, almost new IH 986 2 wheel drive, 300 hours, Same 70 HP 4 wheel drive, 625 hours, Ford 7600 diesel with cab, IH 464 diesel with IH 1550 front loader, Knevrand automatic reset plows, Brillion cultipacker seeder, IH 400 4 row corn planter, Hesston 1014 hydro swing 9' haybine, NH 258 rake, IH 37 hay baler with kicker, 4 kicker wagons, Little Giant 42' elevator, IH 720 2 row corn chopper with both heads, 3 IH 105 self unloading wagons with roofs, IH 56 blower, IH 570 manure spreader, tandem axle with hydraulic endgate, Brand new Winco, 35 Kilowatt protable generator, Plus much, much more equipment and Misc Reason for auction Selling partnership

Terms: Cash or good check. Out of state buyers must present bank letter of credit.

Owners, JOHNSON BROTHERS

Alex Lyon and Son, Sales Managers and Auctioneers.
Syracuse 315-637-8912
Bridgeport 315-633-2944
Mobile phone 315-477-6727

P S. This beautiful farm is for sale at private treaty Farm has barn room for 150 cattle New pipeline, 7 silos, 2 of which are Harvestores Two large outdoor bunk feeders on complete cement barn yard 450 acres of land which 300 are tillable 2 lovely homes For more information contact Manley Johnson, Clayton, NY 315-686-2464

GOLDEN HARVEST SALE
AND THE
323rd GARDEN SPOT SALE

THURSDAY, DECEMBER 9
11:00 A.M.

At the Guernsey Sale Pavilion, six miles East of Lancaster, Pa.

140 REGISTERED HOLSTEINS 140

50 Selected Holsteins Sell in the Golden Harvest

3 Excellent cows and 18 Very Goods sell including -
Excellent Elevation with 24,730M @ 5y
Excellent Conductor with 23,728M @ 3y
Excellent Commander with 22,766M @ 3y
Very Good-87 Conductor with 23,714M @ 3y
Very Good-87 Elevation with 25,790M @ 4y
Very Good-87 Rocket with 22,521M @ 5y
5th Generation VG Milestone with 16,638M @ 2y

Outstanding Heifers Sell including —
A Valiant sister to the famous $71,000 Carmel Ex-92 with 4 recs. over 1100F.
A Tradition from 3 generations of excellent dams
A Sexation from 2 generations of excellent dams
A Peter from an excellent Chief with 973F

Ten Top Service Bulls Sell
8 are from excellent dams, 2 from VG dams
Their dams are all over 20,000M and up to 34,000M.
All are by top sires
Featured are top consignments from good Penna. breeders such as Fountain Farm, Fultonway, Ray Getz, Thomas Kelly, Keystone, Kingway, and Spring Belle.
Plan to be with us on Dec. 9 for this Outstanding Annual Sale.

BACKUS ASSOCIATES, INC.
Sale Managers & Auctioneers
Mexico, N.Y. 13114 (315-963-7231)

LARGE PUBLIC SALE
REAL ESTATE, ANTIQUES, HOUSEHOLD GOODS, AND BROOM MAKING EQUIPMENT & SUPPLIES

of the Annie M. Warner Estate and from the home of Walter Hannigan, now a resident of a nursing home.

Sale to be held in the Chanceford Community Center located at the Brogue off Rt. 74, York Co., PA.

SAT. DECEMBER 4
9 a.m.

2 Complete homes of antique furniture and household items. Also a York Safe and Lock Co. safe, approx. 500 lbs. 2 complete sets of broom making equipment- one modern and one over 100 yrs. old. Also, broom making supplies, handles, prepared broom corn, old work bench and many old carpenter's tools.

Robert L. Sechrist, auctioneer
Fawn Grove, PA
717-382-4379

PUBLIC TOOL AUCTION
At The
MONROE FIRE COMPANY
in
Williams Grove, Pa.
960 Park Place

SAT. NOVEMBER 27th
at NOON

These are Just some of the items- air hammers, vises, air tools, porta power, socket sets, drill presses, come-a-longs, air compressors and more!
Also Christmas gift toys for you shoppers and...household items including...mixers, blenders, toasters and more plus...clothing

Bidders ID Required
No out of state checks
Foreman - Auctioneer
Cocklin, Metzger, Hoerner - Clerks

Eats By Monroe Fire Company Ladies Auxiliary

PUBLIC SALE
OF ANTIQUES, HOUSEHOLD GOODS, TOOLS, COINS, CAR
East Cocalico Township

SATURDAY, DEC. 4, 1982
At 9:30 A.M.

Located along Hahnstown Road between Bergstrasse School and Reamstown, East Cocalico Township, Pa.

14' Dropleaf Extension Table (new), Jelly Cupboard, ½ doz Cane Seat Chairs, Child Antique Rope Crib; Cane Seat Nursing Rocker, Wash Stand, Library Table, Desk, Rocker, Oak Claw Foot Table, Cuckoo Clock & other Clocks, Coal Heater, Wooden Butter Churn, Complete Butchering Outfit, Grinder, Sausage Stuffer, Stirrers, Ladles & Strainers, Iron Kettles, Dippers, Spatulas, Wash Board, Flat Irons, Crocks & Jugs, Dated Jars, Set of Dishes, service for 12 (Virginia Rose), Fruit & Flower Dishes, Glassware
4 pc IRONSTONE TOILET SET — Ironstone Platters, Kerosene Lights, Ironstone Tea Pot, Pictures, Mirrors, Telescope, Milk Pasteurizer

Tools

Craftsman Radial Arm Saw, Sears 10" Lathe, Orbital Sander, Table Saw, Grinder, Sabre Saws, ¼ Electric Drill, Belt Sander, Tool Boxes, Hand Tools, Sears Router Crafter, Rubber Tired Wheelbarrow, Shop Dust Collector (motorized), Garden Tools, Straw Cutters, Simplicity Garden Tractor, Hahn Roto Tiller, Sprayer (portable), 80 bu Hog Feeder, Brooder Stove, Pony Saddle & Bridle, Chicken Crates, Wooden Pulleys, 2 Man Saw, Grafting Furnace, 138' Hay Rope, Bale Box, Tackling, Peddle Tractor, Tricycle, Bicycle, Battery Charger, Lumber (oak), Gas Lantern, Blow Torch, Cord Wood Saw, Benz o-matic Cutting Tool, Chain Saw Sharpener

Guns

22 Remington Rifle & Scope 16 Ga Stevens Shot Gun, 12 Ga Davenport Shot Gun, B B Gun
COINS — 7 Silver Half Dollars, 2 Booker T Washington Half Dollars 13 Silver Quarters Silver Dimes, 38 V Nickels Buffalo Nickels Indian Head pennies 2 Cent Pieces
1972 CHEV STATION WAGON
1968 OPEL STATION WAGON

Terms By
RAYMOND S. FOX
T. Glenn Horst, Auct. — 859-1331
Timothy G. Horst, Auct. — 738-1245

PUBLIC AUCTION
VALUABLE HUNTINGDON COUNTY REAL ESTATE
254 Acres Prime Woodland
SATURDAY, DECEMBER 11
At 2:00 P.M.

Ideal hunting property or cabin site only 9 miles north of Raystown Lake. 254 acres undisturbed woodland consisting of variety of hardwoods, hemlocks, and Mountain Laurel (Prime Hunting Camp Property).
For complete illustrated brochure, details and terms, call or write Auctioneers at (717) 733-1006. Comments day of auction shall have priority over printed information.

Terms By
HESS BROS. FARMS INC.
PROFIT SHARING TRUST FUND

Auction Conducted By
Randal Kline - Lloyd Kreider, Auctioneer
Roy Good Jr., App. Auct.

KLINE & KREIDER AUCTIONEERS
R.D. 1, Stevens, PA 17578

PUBLIC SALE
OF ANTIQUES, FURNITURE, GLASSWARE & CHINA & GUNS
SAT. DEC. 4
at 10:00

Sale to be held in Millersville Fire Hall, 25 E. Charlotte St., Millersville, PA.

Fine furniture in Walnut, Pine, Oak, Mahogany, Wicker, Empire, 6 plank bottom chairs, reed blanket chests, cribs & baby coach, oval & flat trunks, Victorian & iron floor lights, deep & oval picture frames, Haefner's beer sign, crocks, fine photo albums w/mirror, iron toys, tin bank, cap guns, wooden items, agate items, old post cards, Life mag.

Glassware & china in pressed glass, German, Noritake, Nippon, Hall, Dark Carnival, Lustre, End-of-the-Day sugar shaker, Ironstone, Green Depression, machine etched, Moose creamer, other good glassware & china not listed. Pots & pans, silverware, cooking utensils, linens & other misc. articles. Guns sold at 1:00: Wards Hercules 12 ga. model #50 double bar, Dan Wesson 357 mag., Winchester 22 cal., Mossburg 22 cal. & 12 ga. shot gun.

NO OUT OF STATE CHECKS ACCEPTED.
Food Served.

Sale by
Agent for Owner
Howard Shaub, 464-3541
and Roy C. Probst, Auctioneers

AUCTION SALE
COMPLETE LIQUIDATION
FRI., DEC. 10, 1982
10 A.M.

To be held at N.H. Garman's yard facility on Neversink St., in Reading, PA.

Everything Sells to the Highest Bidder*. 4x4S, PICKUPS, & CARS: 79 Jeep 4x4 Wagoneer; 69 Jeep Wagoneer 4x4 S/W; 66 IHC 4x4 Scout; 63 Ford Mech. Tk.; (4) 66-61 Ford P/Us; 61 Dodge Panel Tk. (Parts); 78 LTD S/W; 75 Mustang; 73 Thunderbird; 73 Ford Ranchero 500; OFFICE EQUIP.: Desks; adding machines & calculators; typewriters; postage meter; etc.; SHOP & CONTRS. TOOLS: Compactors: rock drills; transits; levels; welders; new & used parts; & much more; Plus Const. Equip., Trucks, Trailers, PUC Rights, & Real estate* (*to be sold subj. to owners confirmation — Terms: 10% Down, 90 Days Settlement.)
Please plan to attend.

TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY.
Write or call for descriptive brochure:

VILSMEIER AUCTION CO., INC.
Route 309, Montgomeryville, Pa. 18936.
Telephone: (215) 699-5833

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

SAT. NOV. 27 - 9:30 A.M. Public Sale of Real Estate, Antiques and Household Goods. Located at 861 Park Hill Dr., 1 block off Rt. 72, ½ mi. south of Manheim, Lanc. Co., 1 block west of Merkey's Car Lot. Minnie Oxenreider Estate. Frank and Paul Snyder, Auctioneers

SAT. NOV. 27 - 12 Noon. Public Sale of Cattle Located at Bull Ann Farm, 2 mi. south of Gilberts Corner off U.S. 15 West on Rt. 600. Bull Run Hill Crest Angus Production Sale. Virginia Angus Assoc

SAT. NOV. 27 - 11 A M Public Sale of Cattle Located 1½ mi. north of Warren Center on Coburn Hill Road in Bradford Co., PA, just south of Apalachin, NY Tim and Ruth Neville, Owners Adriance Auction Service

SAT. NOV. 27 - 10 A M. Public Sale of Farm Equipment, Int Wrecker, Trucks, Tools and Etc. Located on Mason Branch Rd off of Rt. 312, 1½ mi north of Ridgely, MD George W. Morris, Owner A. Curtis Andrew Auction, Inc.

SAT. NOV. 27 - 6 P.M. Public Sale of Horse and Tack Located at Thomasville Livestock Market, Rt 30, west of York.

SAT. NOV 27 - 8 A.M Public Sale of Antiques and Household Goods. Located 6 mi. southeast of Carlisle, 2 mi. south of Boiling Springs at 101 Tanger Rd in Cumberland Co., PA Mrs C M. Shaw, Owner Stull, Dietrich and Custer, Auctioneers

SAT. NOV. 27 - 10:30 A M Public Sale of Tractors and Machinery. Located on the corners of Rt. 38 and 38B, Newark Valley, NY, 6 mi. north of Owego Goodrich Auction Service.

SAT. NOV. 27 - 10 A.M Pulbic Sale of Farm Equipment, Antiques and Household. Located off Rt. 42, approx. 4 mi. north of Bloomsburg, PA, turn at the Clair Hock Construction, Columbia Asphalt or off Rt 44 at Buckhorn. Mr and Doyle Correll, Owners. Gele L. Derr and Frank Stackhouse, Auctioneers

SAT. NOV 27 - 2 P M Public Sale of Cars, Trucks, Pickups and Vans. Located at the Parking lot of Bayshore Ford Truck Sales, Inc., 4003 N DuPont Blvd, New Castle, DE, on U.S 13, 1 mi. south of Wilmington, DE. Diamond State Telephone Co and Others, Owners. Rudnick Associates, Auctioneers

SAT. NOV. 27 - 12 Noon Public Sale of Tools. Located at the Monroe Fire Co. in Williams Grove, PA, 960 Park Place.

MON. NOV. 29 - 11 A.M Public Sale of Cattle. Located at LaGrangeville, NY. Bower Farm Sale. Hanover Hill Sales and Service, Inc.

DECEMBER

FRI DEC. 3 - 10:30 A M. Public Sale of New and Used Farm Equipment and Parts. Located along Rt 512 between Bath and Wind Gap at Clearfield, Northampton Co., PA. Edward's Farm Equipment, Owners. Ralph W. Zettlemoyer Auction Co., Inc.

FRI., DEC. 3 - 9:30 A.M Public Sale of Horse Drawn Farm Machinery, Cattle, Horses, Produce, Dairy Equipment, Household Goods and Etc Located on farm, 10 mi. northeast of Danville, 4 mi. east of Washingtonville, auction arrows off Washingtonville-Jerseytown Rt. 254 highway at County Line near Green Leaf Fertilizer, Montour Co Henry U. and Rachel Stoltzfus, Owners Fraley Auction Co

SAT DEC 4 - 9 30 A M Public Sale of Antiques, Household Goods, Tools, Coins and Car. Located along Hahnstown Rd. between Bergstrasse School and Reamstown, East Cocalico Twp., PA Raymond S. Fox, Owner T Glenn and Timothy G Horst, Auctioneer

SAT. DEC. 4 - 9 A M Public Sale of Real Estate, Personal Property, Tractors, Implements, Cars and Antiques. Located West Main St., turn at Rutters Farm Store, go south to 18 S. Camp St Mrs Emma C. Miller, Owner. Chas W.R Arvin and Blaine N. Rentzel, Auctioneers

SAT DEC 4 - 11 A M. Public Sale of Cattle Located on Rt. 671 in Louden County, VA, 4 mi north of Rt. 9, 10 mi north of Purcellville, 4 mi south of U.S. 340 and 7 mi south of Harpers Ferry, WV. Floyd A. Averhart, Owner Remsburg Sale Service, Auctioneers

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LEFFEL'S BRED SOW & PRODUCTION SALE
SATURDAY, DEC. 11

1:00 P.M. at the
Auglaize Co. Fairgrounds - Wapakoneta, Ohio
Selling - 35 Bred gilts
(Hamp, York & Crossbred)
20 Hamp Boars
20 Hamp Open Gilts
For sale catalog write or call:
Larry Leffel
R1 New Knoxville, Ohio 45871
Phone AC 419/753-2281

PUBLIC AUCTION
SAT., DECEMBER 4
at 9:30 A.M.
660 East Main Street
(Rt. 25) Hegins, Pa.

Lot 40 Ft. x 166 Ft. having thereon a

RETAIL STORE & APARTMENT

Plus Additional Land 80 Ft. x 150 Ft. to the rear of the above property

TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered at 12 Noon.

FOR INSPECTION CALL: (717) 365-3333 or 682-3731

PERSONAL PROPERTY

All Remaining Store Inventory; Meat & Produce Cases; Shelving; INTERNATIONAL ELECTRONIC SCALE; (2) Electric Meat Slicers; DoAll Meat Saw; Hobart Grinder; Meat Tenderizer; Coffee Grinder; Computer Scale; Balance Scale; Platform Scale; Paint Mixer; 50 Drawer Base Cabinet; Glass Front 24 Drawer Base Cabinet; WINCO 10000 watt GENERATOR w/Wisconsin 4 cyl. Engine; Comfort Glow 9300 BTU Portable Heater; YARN CASE: CHEESE CUTTER: Lot Oak Drawers; Old Store Racks & Old Advertising Items; etc.

MASSER'S STORE

DEIBERT

George & Mike Deibert
Auctioneers - 425-3313

PUBLIC AUCTION
NEW & USED FARM EQUIPMENT & PARTS
FRIDAY, DECEMBER 3, 1982
At 10:30 A.M.
Along Rt. 512 between Bath & Wind Gap at Clearfield, Northampton, Co., Pa.

Ford 2000 4 cyl. tractor; 8N Ford Tractor; Ferg. TO-30; Farmall 340 utility tractor; Satoh S-650 G tractor w/National mower; Fordson Major tractor; J.D. 60 tractor; Cub Lo-Boy 154 tractor w/mower; NOTE: tractors have been gone over in the shop; (2) Pittsburg 10' - 9" transport discs; Leinbach disc; Ford 6½'-3 pt. disc; NH #213 manure spreader; NH 6 ton wagon gear; 18' flat (new); 215 bu. gravity wagon; Farm Bilt wagon chassis; Midwest wagon hoist; Little Giant elev. & additional sections; Behlen 611 bu. corn crib (new); Mayrath 15' - 6" & 11' & 3½" augers; Little Giant elev. w/sections; Satoh 6' side mt. mower; Ford loader crane; new & used loader buckets; Case #420 backhoe only; 3 pt. sweepster broom; Gill SU 100 & 20A 900 pulverizers; Gill soil spiker; Simms all steel cab for Ford tractors; (9) Smidley hog self feeders w/lids; JD 100- Gravely #814-Simplicity 3310 & Sears riding mower tractors w/mower decks; lot of Case & David Brown new & used tractor parts; Ford used & reconditioned parts; Jet pick up dump hoist kit;

TRUCK: 1974 Chev. ¾ ton pick up

NOTE: Mr. Edwards is retiring from the farm equip. business, everything sells regardless of price.

Terms - Cash or check Refreshments available

Ordered by
EDWARD'S FARM EQUIPMENT
Conducted by Ralph W. Zettlemyer
Auction Co. Inc.
(215) 395-8084

PUBLIC AUCTION
OF VALUABLE REAL ESTATE
SATURDAY, DECEMBER 4
at 1:30 P.M.

For the Estate of Mary E Miller, located in Penn Township, York County, Pa., 1 mile South of Hanover, Pa. at the intersection of Baltimore Street, Route 94 South, and Grandview Road

Tract No. 1

A lot of ground fronting on Baltimore Street, 141 feet, and also fronting on Grandview Road, 212 feet, this being a corner lot known as 1336 Baltimore Street, Hanover, Pa., also known as Grandview Service Station. Improved with a 1 story brick and block building with 2 service bays, office, 2 rest rooms, utility and storage room, having gas heat, city sewer, and well water

Tract No. 2

A lot of ground fronting on Baltimore Street, 60 feet, and extending in depth approximately 200 feet, known as 1326 Baltimore Street, Hanover, Pa., and also known as Hanover Motor Court, having an office and snack bar, 3 room and bath apartment, and 9 motel unit rooms, fully furnished, gas fired central heat and City sewer

Tract No 3

A lot of ground fronting on Grandview Road, 88 feet, and extending in depth, 143 feet. Improved with a 1½ story brick and frame dwelling having a nice eat-in kitchen, dining room, large living room with stone fireplace, bedroom, sun parlor and full bath on the first floor The second floor has 3 bedrooms, sewing room, and bath This home has hardwood floors throughout, front and side porch, partly screened, rear porch, storm windows and doors, full cemented basement with outside entrance, gas fired steam heat. City sewer and well water, together with a 2 car brick garage, 1 car frame garage, and outdoor pavilion

Tract No. 4

A tract of unimproved land located in Penn Township, York County, Pa., directly to the rear of tract No 3, containing 3 7381 acres

Terms and conditions of Auction and other announcements will be announced at the time of auction.

For an appointment to inspect any of the Real Estate, call R E Kehr, Auctioneer, Hanover, Pa., phone (717) 632-4114

Dorothy G. Anthony
Effie C. Zinn
Elwood C Marsh
Walter J. Bowman
Executors

R E Kehr, Auctioneer
Donald E Albright, Attorney

LEE B. DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
Box 164 Pillow Pa 17080
Phone 758 6004

PUBLIC SALE
OF VALUABLE REAL ESTATE
WEDNESDAY, DECEMBER 1
At 7 PM
Located on Route 25, in the Borough of Berrysburg, PA.

2½ story Victorian home, completely restored - has been entered in the National Register of Historic Places, Commonwealth of Pennsylvania Historical & Museum Commission as the "Romberger-Stover House, Dauphin County.

First floor containing kitchen with Kenmore Electric Stove and G.E. no frost 15 refrigerator-freezer, full bath, dining room, (2) living rooms with brass Chandeliers...Large Open Stairway in Hallway...second floor containing (4) Bedrooms, study or den with ceiling fan, full bath...wall to wall carpeting in the two front bedrooms, study-den, hallway and bathroom....inside shutters...electric heat...Gazebo on end of large porch...garage to rear of lot.

Lot size - A frontage of 65.16' on the south, a depth 133.69' on the east, a width of 69.93' on the north, a depth of 133.60' on the west.

If you're looking for a fine Victorian home, check this property. For additional information or inspection, phone 896-3474 or 758-6004.

Terms: 10% down. Further terms and conditions to be given at time of sale.

TIMOTHY G. WALSH
Owner

Allen Shaffer, Attorney
Dockey, Dockey & Deppen, Auctioneers

Northeast Region Chianina
CLUB CALF SALE
SATURDAY, DECEMBER 4

1 P.M.
to be held at the Frederick Fairground
Frederick, Maryland

Selling 50 steer & heifer calves born from Jan. 1 to July 1, 1982.

All Chianina crosses consigned by leading breeders of the northeast region

All calves halter broken, weaned and vaccinated.

Don't Miss This Exciting Opportunity!

For Details Contact

Dr. Lee Miller
Woodsboro, MD
301-898-7274

or

Gordon Schubert
The Plains, VA
703-364-1852

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

SAT. DEC 4 - 12:30 P.M Public Sale of Cattle Located at Livestock Pavilion, Cornell University, Ithaca, NY Fall Harvest Sale. New York Hereford Assoc. and New York Polled Hereford Assoc.

SAT DEC. 4 - 9 A.M. 5th Annual Year-end Auction by Farmersville Equipment Inc. Located in Farmersville, PA John E and Paul E Martin, Auctioneers

SAT. DEC. 4 - 9.30 A.M Public Sale of Farms, Tractors, Farm Machinery, Trucks and Misc Located approx. 3½ mi Southwest of Edinburg, VA in the Wakeman's Grove Section on Road 682. From Edinburg take Rt 675 West off U S 11 (I-81, exit 71) to first crossroads (intersection of Rt 675 and Road 682,) turn left on Road 682. Mr. and Mrs. Frank Z Wilkins, Owners. Burdette Foltz, Auctioneer

SAT. DEC. 4 - 1.30 P.M Public Sale of Real Estate Located in Penn Twp., York Co, PA, 1 mi south of Hanover, PA at the intersection of Baltimore St, Rt. 94 south and Grandview Rd Estate of Mary E. Miller, R.E Kehr, Auctioneer

SAT. DEC. 4 - 9.30 A M Public Sale of Retail Store, Apartment and Personal Property Located at 660 E Main St., Rt. 25, Hegins, PA Masser's Store, Owner. George and Mike Deibert, Auctioneers.

SAT. DEC. 4 - 10 A.M Public Sale of Antiques, Furniture, Glassware, China and Guns. Located in Millersville Fire Hall, 25 E. Charlotte St., Millersville, PA. Howard Shaub and Roy C Probst, Auctioneers

SAT DEC. 4 - Public Sale of Line Equipment and Trucks Located in Glen Burnie, MD. Vilsmeier Auction Co., Inc

MON DEC. 6 - 12 Noon Public Sale of Ayrshire Herd. Located at Narvon, R.D. 2, Robert Campbell, Owner, Milt Brubaker, Sales Manager.

TUES. DEC 7 - 5.30 P.M. Farmersville, Auction in Farmersville, 3 mi. East of Brownstown, Lancaster County, PA John J. Rutt, Auctioneers

THURS DEC. 9 - 11 A.M. Public Sale of Equipment. Located 2 mi south of Williamsport on Rt. 15. J T Keliher, Inc, owners. Dick Crittenden Auction Co.

THURS DEC 9 - 11 A.M. Public Sale of Cattle. Located at the Guernsey Sale Pavilion, 6 mi. east of Lancaster, PA. Golden Harvest Sale and the 323rd Garden Spot Sale. Backus Associates, Inc

FRI. DEC. 10 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. DEC. 10 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

ABSOLUTE AUCTION
FRIDAY, DECEMBER 3, 1982

At 10 A.M. Rain or Shine
FARM EQUIPMENT AND ETC.

This auction by order of United States of America acting through Farmers Home Administration, P.O. Box 1150, Orange, VA. Auction to be held at Culpeper Agriculture Enterprises, Route 29, approx. 2 miles south of Culpeper, VA.

Case model 730, diesel tractor, good condition; Woods B106 rotary cutter, 6' 3 pt. hitch, good condition; Rhino service 7' reel blade, good condition; Gehl model 100 grinder mixer, like new, must see; IH 10' hydraulic disc with cylinder, good condition; Ford 4 row corn planter, fair condition; 4 bottom plow, fair condition; 6 assembled hog farrowing crates; approx. 15 unassembled new hog farrowing crates; two 12 hole tray waterers; approx. 20 2½'x5' steel slatted floor grids; approx. 10 1½'x5' steel slatted floor grids; several pieces galvanized siding, 3' and 4' widths and various lengths; other misc. items not listed.

Terms: Cash

Auctioneer:
Col. Tom W. Reese Auction Co.
1205 S. Main St.
Culpeper, VA 22701
703-825-2800

NYHA
New York Hereford Association
NYPHA
New York Polled Hereford Association
Fall Harvest Sale
Sat., Dec. 4 - 12:30 P.M.
Livestock Pavilion
Cornell University, Ithaca, NY
60 Lots
Open & Bred Heifers
Select Steers
Sale Headquarters - Holiday Inn, Ithaca, NY
NYHA Annual Meeting
Dec. 3 - Dinner 7:30
"Red" Shaw, Auctioneer
Sale Committee Chairmen:
NYHA-Robert Generaux
Route 1
Canandaigua, NY 14424
716/526-5017
NYPHA-Jack Abrams
Brown Settlement Rd.
Livingston Manor, NY 12758
212/884-3263
914/439-4359

Date Changed - Time Changed

HOLSTEIN DAIRY CATTLE DAY SALE
TUESDAY, DECEMBER 7
12:30 Sharp

To be held at Smoketown Quality Dairy Sales Co., Rt. 340. 5 miles E. of Lancaster. 5 miles W. of Intercourse.

One load of Registered and Grade cows and Heifers out of New England States and Canada consigned by Johnny Jr. Fresh cows milking from 70 to 90 lbs.

4 Grade Heifers all out of Sire Power Bulls, all calfhood vaccinated. One born 3/9/82, three born 5/9/82. Sires Include- Creek Bluff, JS Noah; New Hope Elevation with daughters averaging 20,170M 712F; Creek Bluff JS Noah; Creek Blogg J S Noah-Dam was an Invanhoe Jack with daughters averaging 17,554M 650F.

One Registered Bull sired by Yules Pride Elevation Ace. Dam-Glendell Wassle VG 87. Cow Index 1197. These are 2, 3 and 4 year old records-

303 dys. 15,012M, 3.9T, 589F
665 dys. 16,260M, 4.0T, 652F
4 yrs. 8 mos. project, 17,200M 4.0T 670F

Wassle's maternal sister Winnie VG 88, 26,000M 3.9T 1009F.

2nd Dam- Apollo Wendy Ex 92 2E 2 to 10 yrs. old records from 15,680M with 4.2T 666F up to 24,220M 834F. Lifetime to date 148,000M. 3rd Dam Ex92 2E Paramount Sherry 5 yrs. 10 mos. 16,690M 4.5T 745F. 4th Dam- VG 89

WATCH NEXT WEEK'S ISSUE FOR MORE DETAILS

SMOKETOWN QUALITY DAIRY SALES CO.
GORDON & HELEN FRITZ
717-393-0930

Carl Diller - Paul Snyder, Auctioneers
Henry Kettering - Pedigrees

Date Changed - Time Changed

Good's Auction
111 North Maple Ave.
Leola, PA
Hay, Straw and Corn Sales
Every Wednesday at 12:00 Noon

DAVID H. GOOD & SONS
111 North Maple Ave., Leola
717-656-9558

PUBLIC SALE
REAL ESTATE & PERSONAL PROPERTY, TRACTORS, IMPLEMENTS, CARS & ANTIQUES
SATURDAY DEC. 4
9:00 A.M.
REAL ESTATE
1:00 P.M.
MRS. EMMA C. MILLER
18 S. Camp St. Windsor, Pa.
(Windsor Boro - Windsor Twp.)
LOCATED: West Main St., turn at Rutters Farm Store, go south to 18 S. Camp St.

REAL ESTATE (FARM)

Approximately 17 acres w/2 springs, 900 ft. road frontage w/14 acres tillable & 3 acres woodland. 8 room asbestos house, 3 rooms on 1st floor, 3 rooms & bath on 2nd floor, 2 rooms in basement, frame barn w/metal roof, 2 car block garage w/basement, summer house with spring, plus other out buildings. Bath is connected to Windsor sewer.

CARS & PERSONAL PROPERTY

1950 2 door Chev., 36,000 miles. 1952 Chev. 2 door Sedan.

8 N Ford tractor w/hr. meter, 3 pt. 2 bottom plow, Farmall Cub with Cult. 1 horse wagon w/Hay carriage, 2 sec. Spring Harrow, 8 hoe Grain Drill, dump rake, David Bradley garden tractor w/plow, cultivator, snow blade, single row planter, 1 bottom trailer plow, Chore Master garden tractor, old feed grinder, stillard scales, Maytag engine on wheels, 1 hole corn sheller w/Maytag engine, 510 McCullough chain saw, axes, splitting wedges, grain fan, straw cutter, rotary mowers, 5 hp. Huffy riding mower, Moto mow riding mower, old buggy, pull type mower, carpenter & hand tools, Sabre saw, table saw, forge, bench vise, post drill, post hole saw, C clamps, wrenches, hammers, saws, bolts, nails, screws, heatrola, parlor stove, iron wheels, rolls wier 5 ft., fence posts, single trees, 36' ext. ladder, log chains, block & fall, some lumber, hay fork, water pump, chicken crate, wheelbarrows, forks, shovels, garden tools, cement mixer, coal, iron pile, lunch bucket, old dresser, butter churn, cherry seeder, grills, wine barrels, wooden tub, large & small crocks, bushel tub, ice box, coffee grinder, bench wood box, 2 dry sinks, leaf table w/drawer, lanterns, mixing bowls, coal & gas kitchen range, 2 mantle clocks, slaw cutter, rockers, copper wash boilers, coal bucket, set 4 Oak chairs, sq. Oak table, Victrolla, kitchen cabinet, small sq. tables, player piano, old radio, picture frames, wall cabinet, smoking stand, gasoline stove, baskets, clothes tree, 12 gauge single barrel, 22 rifle, 22 cat rifle, set 4 cane Chairs, cane rocker, oak bedroom suite, high chair, P.O.S.A. sword, wash bowl & pitcher set, Boston rocker, brass bed, towel rack, blanket chest w/bottom drawers, 2 blanket chests, umbrella stand, old organ & stool, slant top desk, bedroom suite, dining room suite, living room suite, refrigerator, freezer, sewing machine, garden sprayers, porch rockers, chase lounge, fishing rods, rugs, linens, dishes, pots, pans, lots too numerous to mention.

TERMS: CASH OR GOOD CHECK

Conditions of Real Estate: 10% down day of sale.

P.O.A.: Mrs. Anna Sechrist
Atty.: Garber & Garber
40 S. Duke St., York PA

Auctioneers:
Chas. W.R. Arvin 755-0674
Blaine N. Rentzel 764-6412

Not Responsible for Accidents Day of Sale
Refreshments Rights Reserved

Dairymen:

- Have rising production costs made it difficult for you to turn on a profit?
- Now there is an aid available to help you evaluate those production costs.

This aid rapidly provides a Decision Factor based on the current financial status of your operation so you can make sound decisions when you need to make them.

This Decision Factor aid also provides a record for future reference and trend tracking.

For $5.25 you will receive Decision Factor with instructions on how to use it. Send $5.25 in check or money order to Agri-Economics Unlimited, Box 87, Bowmansdale, Pa 17008. No cash please. Allow up to four weeks for delivery.

- - - - - - - - - - - - - - - - - -

Agri-Economics Unlimited,
Box 87, Bowmansdale, PA 17008

NAME _____

ADDRESS _____

_____

ZIP CODE _____

PUBLIC AUCTION
HORSE DRAWN FARM MACHINERY
42 DAIRY CATTLE, 17 HORSES
PRODUCE, DAIRY EQUIP., SOME HOUSEHOLD GOODS, ETC.

(Due to health reasons-makes sale necessary). On farm 10 miles NE of Danville, 4 miles E of Washingtonville, auction arrows off Washingtonville-Jerseytown Rt. 254 highway at County Line near Green Leaf Fertilizer. (Montour Co.)

FRI. DEC. 3
starting 9:30 A.M.

NI 323 corn picker on steel-motor sold separate; NH 68 baler on steel-motor sold separate; Oliver 2 way & 2 btm. plows; JD 2 btm. plow; McD. cultivator; JD KB 24 disc; harrow; land roller; cultipacker; MH disc drill; McD 2 row planter; Mayrath 50'x6" auger; McD #7 cutter; NI 17 & NH 206 spreaders; 2-16' farm wagons on steel; McD #9-NI-JD#4 mowers; tedder; bobsleds; 2 wheel cart; Gandy 12 volt motor; 10 & 16 hole hog feeders; 8 LP Gas farrowing heaters; 12 volt fencer; sgl. dbl. triple-4-5-6 horse hitches; etc. Surge Alamo & Delaval 77 vacuum pumps; 3 Surge milker units; strainers; Slanzi 12 hp. diesel motor; 4 calf hutches; firewood 16x30' corn silage; 1000 bales hay; 500 bales straw; some household items inc. 2 kitchen ranges; wood stove; chairs; others; HORSES: Team 6&7 yr. bay white face mares-outstanding -1 in foal; pr. 7&8 yr. heavy work horses-top team; pr. 4 yr. sorrel geldings; 5 yr. Belgium stud horse-top lead horse; pr. yearling Belgian colts; 5 &7 yr. old top carriage horses; 2 & 2-3 yr. old Morgan driving horses; 7 yr. black-12 yr. gray-14 yr. sorrel horses; 5 sets work harness harness-collars-bridles; etc. 41 Holstein Dairy cattle: 31 milking age-20 fresh Aug., Sept., Oct., bal. bred for spring. 3 short bred heifers; 5 heifer calves; 13 mo. red & white Herd sire; Health charts, preg checked. etc.

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Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

FRI. DEC. 10 - 10 A.M. Public Sale of Pickups, Cars and Office Equipment. Located on Neversink St. in Reading, PA. N.H. Garman and Bro., Inc., Owner. Vilsmeier Auction Co

FRI. DEC. 10 - Public Sale of Const. Equipment, Trucks and Trailers. Located in Reading, PA. Vilsmeier Auction Co., Inc.

SAT. DEC. 11 - 1 P.M. Public Sale of Swine. Located at the Auglaize Co. Fairgrounds, Wapakoneta, OH. Larry Leffel. 419-753-2281.

SAT. DEC. 11 - 1 P.M. Public Sale of Farm. Located in Swatara and Bethel Twps., 1½ mi. west of Fredericksburg, PA, Lebanon Co., along the Lickdale to Fredericksburg Rd., from the square in Fredericksburg, follow the Main St. west past C.F. Manbeck Poultry Plant, proceed approx. 1 mi. and crossover Int. 78 Bridge, continue to farm auction sign to your right, from Lebanon proceed north along Rt. 72, approx. 10 mi. to Lickdale intersection, turn right at C.P. Long Sunoco Station and go approx. 4 mi. to farm on your left Katie Loverich Estate Roger L Myers, Auctioneer

SAT. DEC. 11 - 2 P.M. Public Sale of Real Estate Located 9 mi. north of Raystown Lake Hess Bros. Farms, Inc. Owners. Randal Kline, Lloyd Kreider and Roy Good, Jr., Auctioneers

THURS. DEC. 16 - Public Sale of Farm Equipment Located at Horst's Machinery Lot, Marion, PA 17235 Ralph W. Horst, Auctioneer

MON. DEC. 27 - 9:30 A.M. Consignment Sale. Located at S. Race St., Myerstown, Pa. 17067. Sale held by Wengers Farm Machinery, Inc.

JANUARY

SAT. JAN. 1 - 9:00 A.M. Farmersville, Auction in Farmersville, New Year's Day Antique Sale, 3 mi. East of Brownstown, Lancaster County, Pa. John J. Rutt, Auctioneer

FRI. JAN. 7 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI. JAN 14 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. JAN. 21 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. JAN. 28 - 1:30 P.M. Dairy Cattle Sale at Penns Valley Livestock Auction, Centre Hall, PA

FRI. JAN 28 - 5:30 P.M. Gap Auction Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FEBRUARY

FRI. FEB. 4 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc., New Holland, Penna.

SAT FEB. 19 - 10 A.M. Tack, 11 A.M. Horses Consignment of all kinds of horses. Located at the Belleville Livestock Market. Special Horse Sale.

MON FEB. 21 - Public Sale of Farm Equipment and Tools. Located at R.D. 1163 Bethel, Pa. Daryl G. and Doris E Martin, Owners. John E. and Paul E. Martin, Auctioneers

SAT. FEB. 26 - Public Sale of Farm Equipment and Household Goods. Located along Bridgeville Rd., east of Goodville. Aaron and Mary Shirk, Owners. Nevin Martin and Paul Hurst, Auctioneers.

MARCH

FRI MAR. 4 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc., New Holland, Penna.

FRI. MARCH 4 - 9 A.M. Consignment of all kinds of machinery. Located at the Belleville Livestock Market. Annual Spring Machinery Sale.

SAT MARCH 5, 1983 Bart Township 19th Annual Fire Co. Sale

SAT. MARCH 12 - Public Sale of Farm Equipment, Located at 61 Clay Rd., Lititz, PA Clarence W Weaver, Owner John E and Paul E Martin, Auctioneers.

SAT. MARCH 12 - Public Sale of Farm Equipment. Located near Lees crossroad, 6 mi. east of Shippensburg. Charles Strohn, Owner. Nevin Martin and Melvin Sensenig, Auctioneers.

SAT. MARCH 19 - Public Sale of Farm Equipment Located at 61 Clay Rd., Lititz, PA. Clarence W Weaver, Owner. John E. and Paul E. Martin, Auctioneers.

SAT. MARCH 19 - Public Sale of Full Line of Farm Equipment located along Route 501 Midway between Lititz and Lancaster Airport known as the Buckwalter Farm. Sale by John Fisher, Rufus K. Geib and Raymond Miller, Auctioneers.

APRIL

FRI. APRIL 8 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc. New Holland, Penna.

SAT. APR. 23 - 17th Colonial Charolais Spring Sale. Located at the fairgrounds, Frederick, MD. Sponsored by the Colonial Charolais Assoc. Managed by Buzz Garey, Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA 19067

FRI. APRIL 29 - 6 P.M. Special Heifer Sale Located at the Belleville Livestock Market

NOTICE
To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

SALE EVERY TUESDAY
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2 P.M.
Horse Auction
2nd Saturday each month
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At 12 NOON

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6 yearlings 11 Heifer Calves - 3 Bulls, 1 Service Age.
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4 yr. average 13,904M 3.88% 540F.

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12 fresh or due Dec., 3 in Jan., 2 in Feb., 6 in Mar., 3 in Apr.
6 Heifers fresh, 2 due saletime, 2 in Feb., 6 in late summer '83.

GOOD RECORDS — MANY WITH HIGH TEST.

8 cows have from 500 to 599 Fat., 12 have over 600F.
4 over 700F top record 24,825M 3.5% 862F.

TOP SIRES INCLUDE

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4 Conebella Caesar's by HiKick & out of Conebella Fashion Rhoda
3 Meredith Harry's - P.D. +$34 +284M - .02% +9F. P.T.I. +13

3 YOUNG BULLS

14 mo. old Gallant Man out of Diane '89' 16,100 3.7 600F.
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27 Bred Heifers -
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A Pete yearling from a GP Glendell with 563F
A Star Willie from an EX-2E dam with 808F
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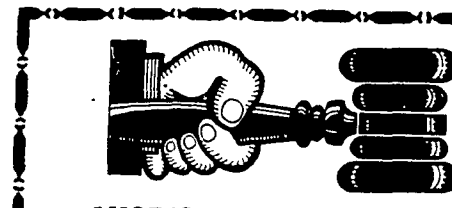

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11:00 A.M.
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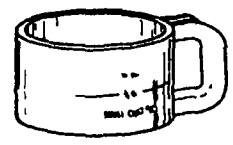

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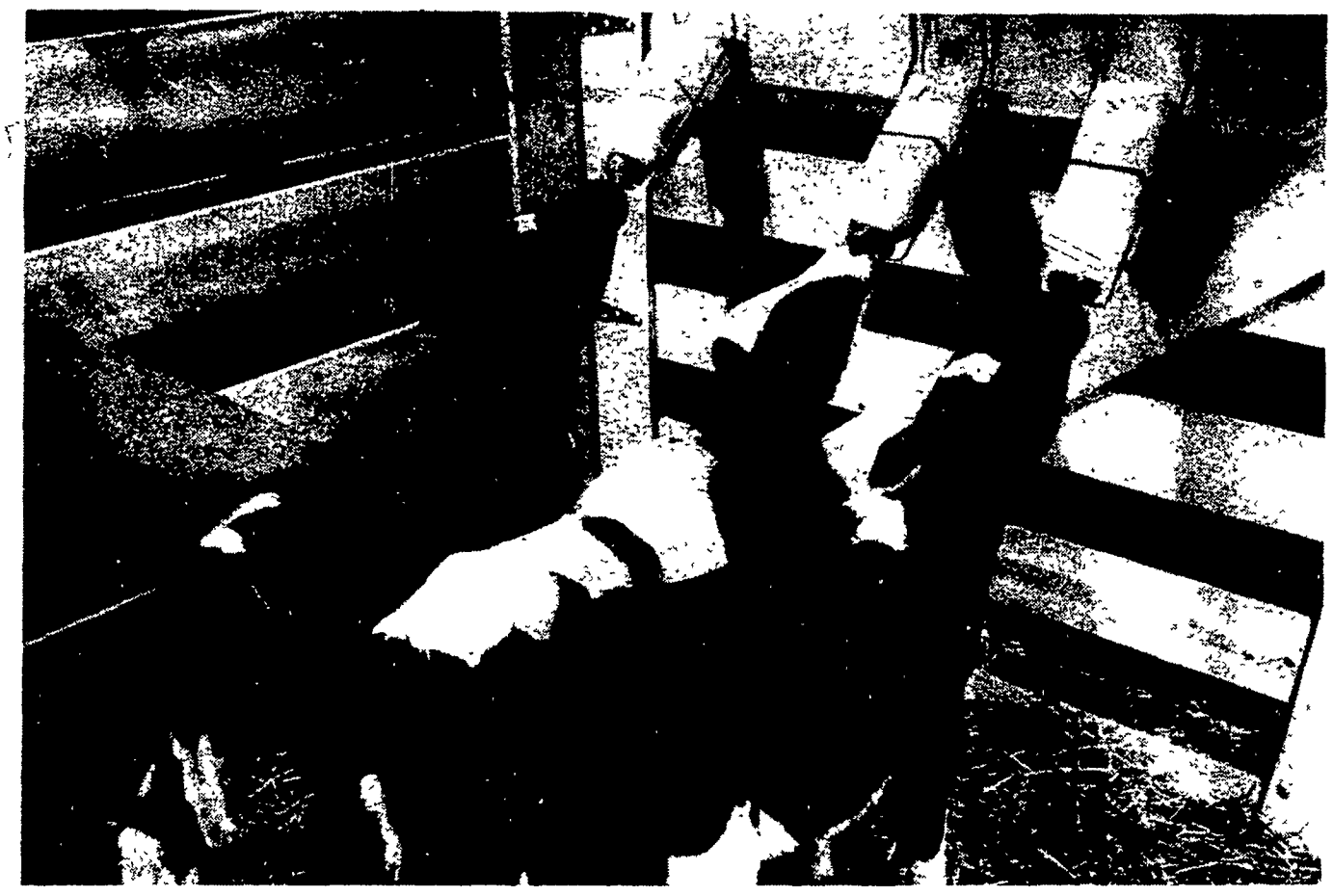

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Daniel Horning rides beef businesses "ups and downs"

MILBACH — Daniel and Mary Horning are beef farmers in Lebanon County. The 72-acre farm they call home was purchased by Daniel's parents, David and Lena Horning, in 1942 when Daniel was only 10 years old.

Making a living on the beef farm has not always been easy for full-time farmer Daniel who has been fattening cattle for the past 25 years. He admits the beef business has had its share of "ups and downs."

Reflecting on the past marketing year, Horning observes that it treated beef producers "fairly good," but he adds farmers trying to sell fat cattle now are "not doing so good." Trying to look ahead to what next year's market might bring, Horning comments that it's "too unpredictable."

But despite the uncertainty, Horning's limestone-sided bank barn is filled with 120 head of feeder steers weighing about 750 pounds each. These latest recruits of Charolais and Angus crossbred steers were shipped from Virginia just a few weeks ago.

"I buy all of my steers through a Virginia graded steer auction," says Horning. "I've been buying my steers down there at least 20 years. I'd sooner have them fresh from the South than shipped through another dealer. That way there's less chance for shipping fever."

When the cattle arrive at Shady Breeze, Horning beds them on straw and feeds them only hay until they've had a chance to adjust. The only time he medicates the steers, he says, is if, individually, they show signs of sickness.

After about four days, Horning begins feeding the steers corn silage that he has packed in a plastic-covered pile next to the feed trough. After about a month on the silage diet, Horning spices up the menu with grain and supplement. This program continues until the steers reach their market weight of 1,150 to 1,200 pounds in about six to eight months.

Daniel Horning, Milbach, feeds about 120 head of steers each year which he markets at Vintage Sales Stable, Lancaster County. But rather than buy his feeder cattle at Pennsylvania auctions, Horning says he travels to Virginia to buy them "direct" in order to lessen the risk of shipping fever.

All of the grain and silage Horning feeds to his cattle is raised on the farm. Each year he plants about 40 acres of corn, picking half the acreage for grain and cutting the rest for silage. Another 10 acres of land is planted to rye which is harvested for grain. Horning doesn't raise any hay on the farm.

The 20 acres of tillable land not planted to field crops are probably the most profitable acres on the farm, according to Mary Horning. This acreage is used by the family for growing sweet corn, sold directly off the farm and to several food distributors.

"We have corn every day from mid-July until Labor Day," says Mary, "since my husband my husband plants some rows of corn every week."

Although the Hornings sell both yellow and white sweet corn varieties, they have observed that most people prefer the white corn, especially Silver Queen. The next most popular variety is the Yellow Merit, they report.

Having been in the sweet corn business for the past 20 years, each year planting a little bit more to meet increased demand, the Hornings have been able to compare their crop profitability. They estimate that since they began their corn-on-the-cob enterprise, they've been able to net at least twice as much an acre from sweet corn as field corn fed through cattle.

This year they received the highest price in their 20 year history of marketing sweet corn — $1.50 a dozen. But, said Horning, that start-of-the-season price doesn't last and by the end of the season the price has dropped to $1 a dozen, and even less for quantity purchases for home freezing.

Along with their beef and sweet corn business, Daniel and Mary also generate some income for the farm through raising and selling neck pumpkins and red beets. Their son, Marlin, helps out by raising 600 cornfed capons a year, plus driving truck for Dutch Valley Foods.

And one day a week finds Daniel and Mary at Vintage Sales Stables in Lancaster County, working as a team to get cattle on scales, weighed and the animals' tag numbers to the weighmaster. The Hornings have been doing this for the past five years, but their relationship with Vintage Sales Stables goes back at least 25 years. That's how long the Hornings have been selling their fat cattle through the auction ring.

During that time, observes Horning, the commission charged by the auction barn has doubled, going from $1-3 per head to the present $6 charge. "But that's not bad for 20 years," he quickly adds.

When asked if cattle fatteners could comply with packing house demands to supply eastern cattle on a regular basis, Horning comments that it would be hard to regulate fat cattle sales to suit packer's requests. "You'd have to start with the calf operator first," he states. "The fattener can only buy what's available."

But Horning concedes that if cattle fatteners could sell fat cattle all year long, the prices they'd receive would not fluctuate as drastically. The way fat cattle are marketed now, however, feeders find that when heavy cattle are available, these animals will sell cheaper than lightweight cattle. This is generally the case during the months between March and September.

Horning says he feeds his steers

(Turn to Page C4)

Lebanon County farmer turns up "holey" rock

BY SHEILA MILLER

MILBACH — I've received a lot of calls from people with story ideas over the years, but the one I listened to last Friday was probably the most unique.

Mary Horning, a Lebanon County farmwife, telephoned the office and related how she and husband Daniel had discovered a most unusual rock, and wondered whether or not Lancaster Farming might be interested in taking a "look see."

While I'm not in the habit of covering geological stories, this one spurred my curiousity into action — and I promised to drop by the farm on Monday morning.

A wet, soggy Monday morning greeted me; and put a damper on my enthusiasm for possibly having to trudge out across crop fields to look at a rock. But, putting these sentiments aside, I turned my rain-washed car into the Horning's Shady Breeze Beef Farm driveway.

After talking a bit about the farm and family, Daniel Horning recounted how he turned up this unusual rock last plowing season. He recalled how the large stone was heaved into his tractor's front-end loader and almost wound up on the farm's stone pile — beside countless other rocks that have cropped up in Horning's limestone fields over the years.

"As I was digging it out of the field, I noticed a slight depression in the face of the rock," Horning said. "So I decided to bring it in behind the barn instead of taking it directly to the stone pile."

That "slight depression" in the rock was just the "tip of the iceberg" in this stone's tale. A heavy rain that evening revealed more of this unusual rock's character, as Horning recalled.

"The rain that night soaked into the rock, and what I found the next morning was that where the depression in the rock's surface was the day before, a hole remained." The rain had washed the ground away to reveal three round holes "carved" all the way through the foot-thick rock.

What or who put these unique holes through this heavy chunk of limestone rock? No one seems to know. But the Hornings shared some theories.

"Some people think water caused the holes," stated Daniel. "While others say they must have been chiseled out by hand."

"One 80-year-old man who stopped by believes that this stone was used on top of a hand-dug well sometime ago," commented Mary. "The wooden pump would have been mounted on top and what brought the water up to the surface was put down through the holes that were drilled out."

Whatever caused the three holes to be "drilled" through the rock will probably remain a mystery. But the rock will serve as a one-of-a-kind conversation piece in front of the Horning home for years to come.

Lebanon County's Daniel Horning is puzzled by the unusual rock he turned up during the last plowing season. The limestone "conversation piece" has three holes "carved" all the way through its thickness (directly in front of Horning's hand). There are several theories on how these holes were made.

Mary Horning has a green thumb which she demonstrates in her flower gardens and in the vegetable patch where she raises summer vegetables for on-farm sales.

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130-hp 4440	$2800	$1000	$3800
110-hp 4240	$2300	$ 900	$3200
90-hp 4040	$2200	$ 800	$3000
80-hp 2940	$1800	$ 550	$2350
70-hp 2840	$1300	$ 450	$1750
60-hp 2440	$1200	$ 400	$1600
50-hp 2240	$1100	$ 350	$1450
40-hp 2040	$ 900	$ 300	$1200
370-hp 8850	$ 8200	$2700	$10,900
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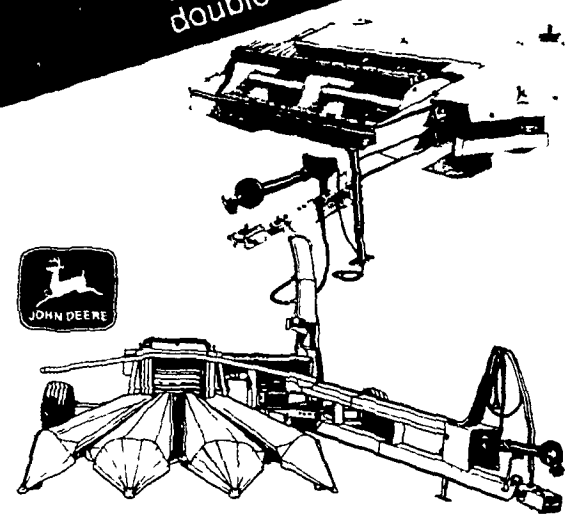

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There's more: finance with John Deere and the finance charge will be waived until the 1983 season of use in this area.*

Model	John Deere Money Bonus	Team Bonus - If Bought With Mo/Co
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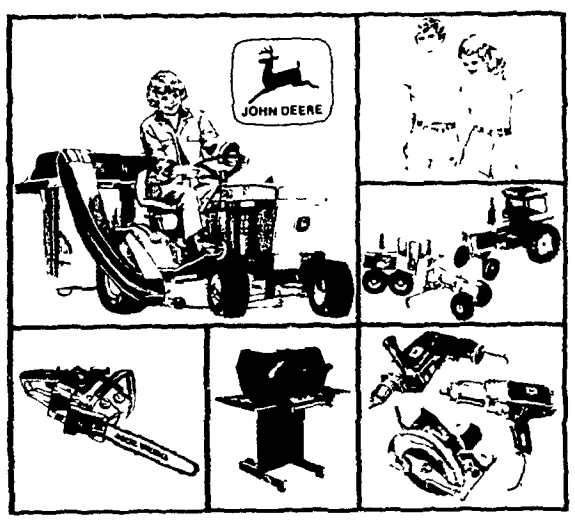


Daniel Horning

(Continued from Page C2)

with the ultimate goal of having them bring "Choice" prices since the market has been good for heavier cattle that are not excessively fat during the past several years. These types of cattle sell well in the Kosher market, he observes.

Before the Hornings became involved in their intensive sweet corn business, they opened their farm to the public as a tourist home from 1966-76. Meeting visitors from across the country and across the ocean during that time created a yearning to travel that the Horning family realized in 1973 when they visited 13 European countries and were visitors themselves on dairy, hog, and chicken farms during their six week stay.

Through their church, the Fairhaven Mennonite Church of Myerstown, the Hornings participated in a missionary trip to Guatemala, Central America in 1972. They recall how they witnessed young girls carrying basins of corn on their heads or shoulders, en route to the local mill where their daily supply of corn flour was ground. On market day, they add, it wasn't unusual to see villagers leading pigs by rope leashes and carrying chicken tucked under their arms.

Although their future plans don't include another major trip to other countries to learn first-hand how other people farm, the Hornings have no doubts about their own future in farming and the beef business.

"We love it — we're not ready to retire," smiled Mary.

These bells were brought back to the U.S. by the Hornings as souvenirs of their European trip. They still recall how the cattle, sheep, and goats that wear these "noisemakers" around their necks in the mountains of Switzerland made "beautiful music" for the Lebanon County farmers' ears.

Pa. Poultry Federation begins banquet sales drive

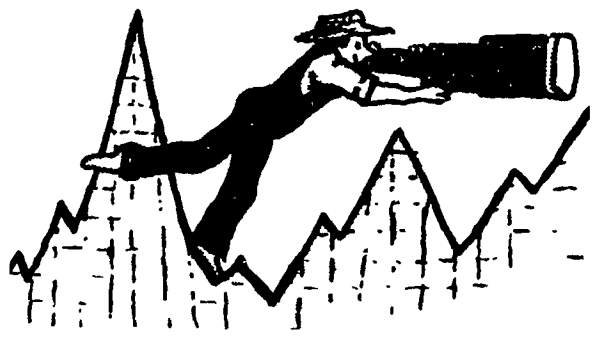
HARRISBURG — The Pennsylvania Poultry Federation recently kicked off their banquet sales drive with a dinner for its salespeople at the Hershey Convention Center, Hershey.

This year's banquet co-chairmen, Jay Greider and Mel Mitchell, commented that the 1983 banquet promises to be bigger and better than ever. Greider of Greider Farms, Inc., Mount Joy, announced that country music star Mel Tillis will be the featured entertainment attraction at the banquet.

Mitchell of Victor F. Weaver, Inc., New Holland, mentioned the creation of a sponsorship committee for the banquet which has already received substantial contributions from many Federation supporters.

Dale M. Weaver, the Federation's chairman, said that $1 for each banquet ticket sold will be contributed to provide a base for the newly-created Pennsylvania Poultry Federation Scholarship Foundation. These funds will be used to provide scholarships to students who wish to pursue advanced studies in animal science.

The Federation's 1983 banquet will be held on April 14 at the Hershey Convention Center.



THINK AHEAD...
Read Futures Markets on Page 3.

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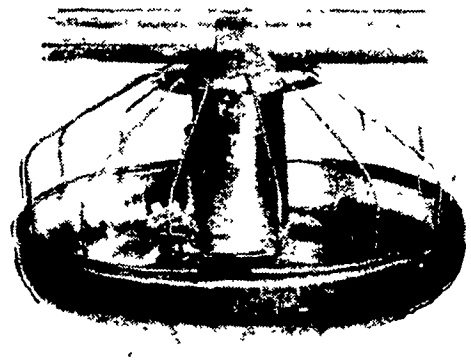

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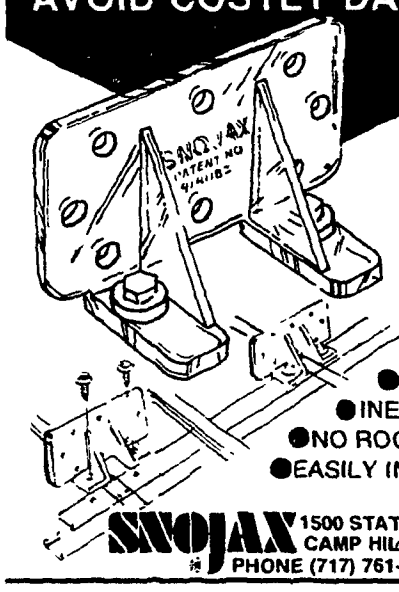

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Del. grain farmers use sophisticated marketing to sell crops

NEWARK, Del. — A recent study suggests that Delaware farmers may be more sophisticated in their grain marketing practices than U.S. farmers as a whole. Ulrich C. Toensmeyer, agricultural economist at the University of Delaware Agricultural Experiment Station, says data collected during a survey of local grain-selling practices indicates Delaware farmers' use of futures markets and forward contracts is somewhat higher than the national average.

In January 1980, one of Toensmeyer's graduate students, Mike Hudson, surveyed a representative group of Delaware grain and livestock farmers. Approximately 22 percent of those responding said they used futures contracts. More than half, however, reported tracking futures contracts and most of these said they followed futures prices when making marketing decisions. Many who did not hedge felt their operation was too small to warrant the use of futures. Others were unacquainted with this marketing method, felt they lacked the capital to use it, or considered the practice too risky.

More than 30 percent of the soybean producers surveyed used forward contracts — another form of advance pricing. Over 16 percent of the corn producers and almost 10 percent of those growing wheat did also. Many said their forward contract prices were related to futures prices. Only two percent who forward contracted said they had experienced default problems.

Local basis — the difference between cash and futures prices — was tracked by over 38 percent of the respondents. Most reported weekly basis tracking, though nearly seven percent tracked it daily.

Toensmeyer considers it significant that so many of the farmers surveyed watch the futures market and use it as a guide in making selling decisions, even if they don't actually hedge. He sees this as a sign Delaware farmers are learning how to improve their price position, rather than just taking what they can get at harvest.

He says one reason for their greater market sophistication is the grain marketing workshops offered by the Delaware Cooperative Extension Service in recent years. Programs at these workshops are bolstered by results of experiment station research, such as the survey mentioned earlier. For several years Toensmeyer and his graduate students have been building a data base on Delaware crop marketing practices for just such use.

Currently, for example, Extension crops marketing specialist Carl German and Merrill Lynch account executive John Troth are reviewing information in a master's thesis on the feasibility of hedging corn in Delaware over the past 20 years. The findings will be used as background for two presentations during an all-day grain marketing workshop at the Sheraton Inn in Dover Dec. 3.

German agrees with Toensmeyer that Delaware grain farmers are more knowledgeable about marketing options, and are taking better advantage of forward pricing opportunities. He predicts that futures trading will become more common in time. Several local agricultural lending institutions now take marketing practices into account when granting loans. German says they tend to favor farmers who use price protecting techniques to assure a profit on their grain crops.

The specialist says workshops like the one in Dover are designed to teach farmers to follow the market and make wise decisions. "If you learn to read basis tables, you improve the odds of increasing your average selling price over time," he says.

More Delaware farmers now forward contract than hedge — mainly because they understand the forward contracting process better and are reluctant to use a technique they fell uncomfortable with. Size of operation keeps some producers from using the futures market. Farmers also have individual preferences about selling their grain. But both German and Toensmeyer are encouraged by signs of increasing grower interest in the potential for hedging. "They're becoming more aware," says Toensmeyer. "It's an evolutionary process."

Individuals interested in attending the upcoming Delaware grain marketing workshop are encouraged to contact county Extension offices in Neward 302/738-2506, Dover 302/736-1448 or Georgetown 302/856-5250 for more information.

Md. seed regulatory officials assist in USDA case

ANNAPOLIS, Md. — Donald W. Ator, chief of USDA's Seed Regulatory Branch, recently cited M.H. (Gus) Day and his staff of the Maryland Department of Agriculture for their assistance in a seed case involving wheat and soybean seed shipped by an Ohio firm.

Acting on evidence compiled and supplied by Day's staff and their counterparts in Pennsylvania, USDA's Agricultural Marketing Service brought complaints against the Schlessman Seed Company of Milan, Ohio, regarding a shipment of wheat seed and a shipment of soybean seed. One of the shipments involved was reshipped into Maryland.

USDA alleged that the seed was not properly labeled as to the percentage of pure seed and several other violations of the Federal Seed Act. The company settled the case by an agreement in which it neither admitted nor denied the charges and paid $675 in settlement.

In a letter to Maryland Secretary of Agriculture Wayne A. Cawley, Jr., Mr. Ator of USDA stated, "The help of Gus Day and his staff in sampling and testing the seed and providing needed evidence is commendable. Such assistance is vital to effective enforcement of the Federal Seed Act."

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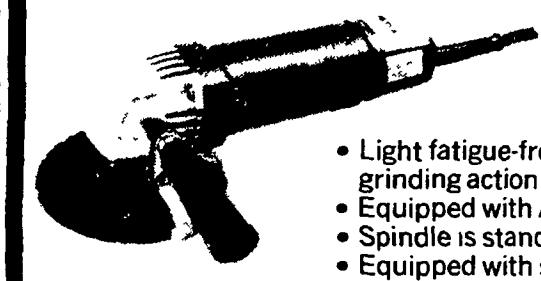

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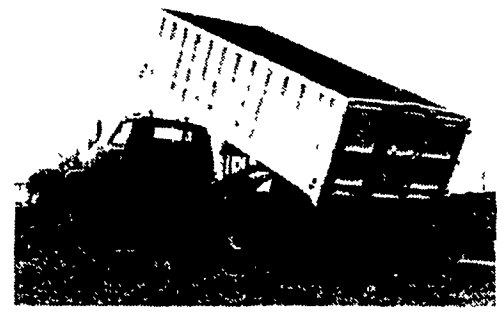

These ultra-light bodies are designed for strength through engineering, not strength with bulk. For example a 16' grain body with tailgate and 48" sides weighs only 1490 lbs. complete. We'll build you any length or any side height up to 60".

Also available

- ★ Double swinging hay hauling tailgate
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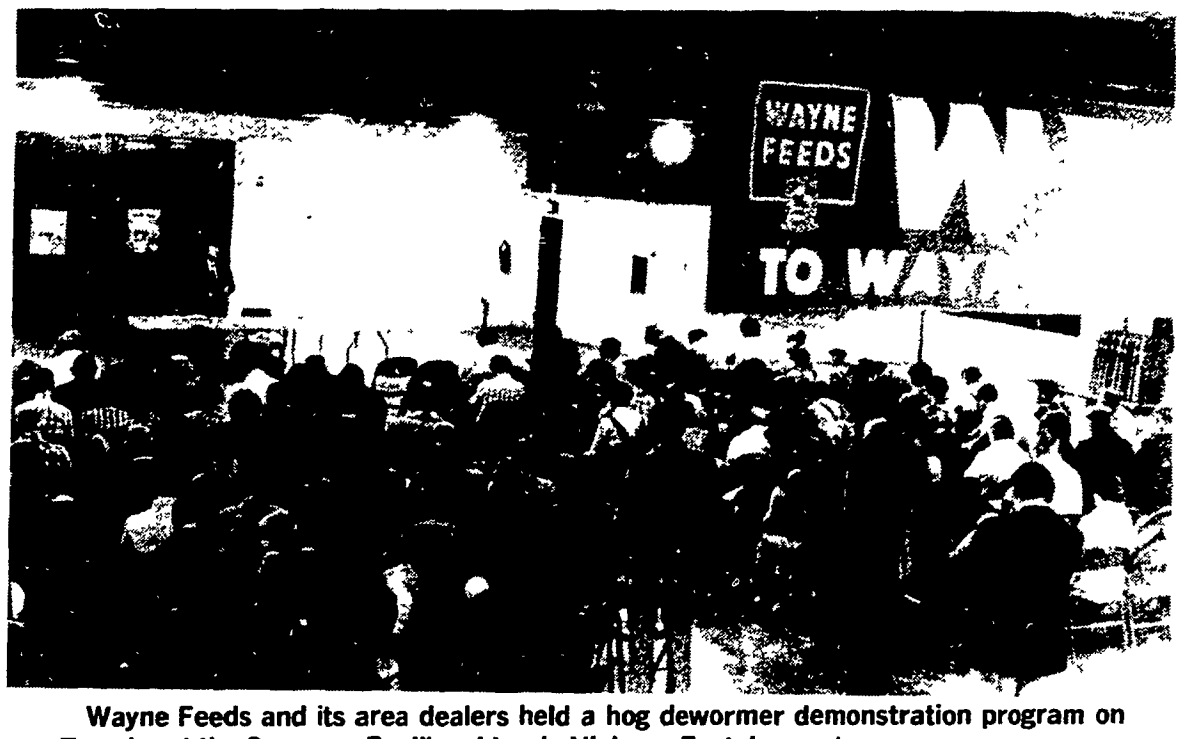
Wayne holds hog dewormer demo



Wayne Feeds and its area dealers held a hog dewormer demonstration program on Tuesday at the Guernsey Pavilion, Lincoln Highway East, Lancaster.

A couple hundred area swine producers attended the evening session in which Wayne compared results of its deworming program using Banmith/Mecadox in Waynextra #6 with two other products.

The trial involving three groups of three feeders each was conducted by Ervin Rutt and son, Joel, R5 Manheim. The test was supervised by Dr. Robert Graybill, D.V.M., and Chet Hughes, Lancaster County Livestock Extension Agent.

The tests showed greater weight gains and feed conversion efficiency with the Waynextra.

"The Waynextra #6 interrupts the migration of roundworm larvae through a swine's digestive tract, liver and lungs and eliminates adult worms significantly," explained Gene Burkett, district sales representative for Wayne.

Also taking part in the program was Dr. Homer Cannell, of Pfizer, Inc.

Farm Business News

Feister to manage Commonwealth Ag Loan

W. Ronald Feister

LANCASTER — Commonwealth National Bank announces the appointment of W. Ronald Feister, Ronks, from vice president of regional banking in the bank's Lancaster Region to president and manager of Commonwealth National Agri-Loan Corp. Feister also has been elected a director of the wholly-owned subsidiary of Commonwealth National Bank. His office is in Commonwealth National's Lancaster Region headquarters, 28 Penn Square, Lancaster.

Feister joined Conestoga National Bank, a predecessor of Commonwealth National, in 1969 as manager of the Millersville Office. He was named an assistant vice president in charge of both the Millersville and Willow Street offices in 1972, vice president and regional loan administrator in 1973, and vice president for regional branch administration in 1974. He was named vice president for regional banking in 1979.

A 1974 alumnus of The Stonier Graduate School of Banking at Rutgers University, feister is also a graduate of the Pennsylvania Bankers Association's School of Banking at Bucknell University, and the Commercial Bank Management Program at Columbia University. He is a 1952 graduate of Paradise High School and has earned a standard academic certificate from the American Institute of Banking.

A member of the board of governors of the Associates in Downtown Lancaster, feister is a director of the Lancaster Credit Bureau, section chairman of the Lancaster County United Way, and is a member of the Lancaster Association of Commerce and Industry and the Lancaster Rotary Club.

A native of paradise, Feister and his wife, the former Eileen Shirk, have three children.

Commonwealth National Agri-Loan Corp. serves agricultural customers in 20 central Pennsylvania counties from the subsidiary's office in Lancaster.

Hubbard's Carlin gets American Farmer Degree

WALPOLE, N.H. — Bill Carlin, Egg Stock Sales Manager for Hubbard Farms of Walpole, N.H., received the Honorary American Farmer Degree during the National FFA Convention in Kansas City, Mo.

The National FFA Poultry Contest was again co-sponsored by Victor F. Weaver, Inc., New Holland, and Hubbard Farms as a Special Project of the National FFA Foundation, Inc. Bill has assisted on this national level in many ways the past three years as a representative of Hubbard Farms.

Bill gained national recognition in 1946 when chosen in Kansas City as the FFA Star Farmer of America. In his earlier years as a chapter member he served as State FFA President. In 1949, the National FFA organized their first Student Exchange Program with the British Young Farmers of England. He was asked to be one of four members in this country to represent FFA in the British Isles for the summer.

During his years working with the poultry industry, he has served as a director of the Producers Cooperative Exchange at Coatesville, an Egg Marketing Cooperative, being President of their Board for five years. He has been a director of the Pennsylvanian Poultry Federation since 1971. During these years he has had the opportunity of serving on all standing committees and also as the President in 1975-1976. He is presently Secretary of the P.P.F.

Bill's experience and contributions to the Poultry Industry and F.F.A. began in 1940. He farmed, with a brother, in the Coatesville area producing poultry, hogs, and beef. Following 14 years with Agway, Inc. in their poultry departments, he began his work with Hubbard Farms in 1977.

Bill and his wife, Jean, live in Landisville. Their three children are married, living in the Lancaster area and Houston, Tex.

Roskamp announces portable roller mill

CEDAR FALLS, Ia. — A portable roller mixer designed especially for the convenience of the farm manager is now available from Roskamp Mfg., Inc. of Cedar Falls, Iowa.

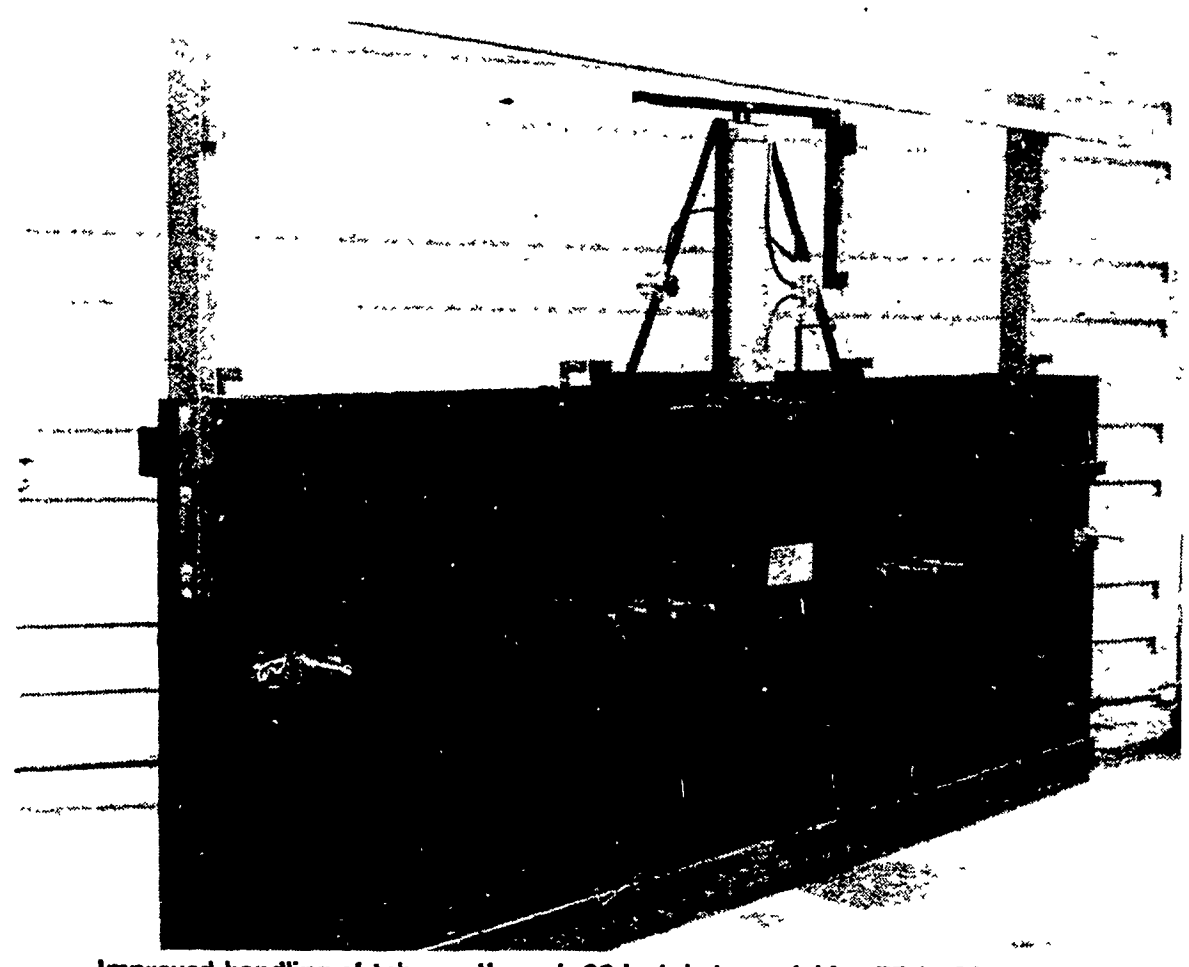
This new roller mixer is available in three models: the PG 918100 for processing shelled corn and small grains, the PEC 918100 for processing whole ear corn in addition to shelled corn and other small grains, and the PGH 918100 for hog feed.

The PGH 918100 for hog feed provides a more finely rolled product for greater digestion by hogs. It has two pairs of rolls and differential drive.

All models feature a 100 bushel capacity mixer with digital scale and alarm horn, ladder, supplement hopper, hydraulic drive infeed and discharge auger (8" diameter discharge auger with 6' extension), and a 9 x 18 Roskamp roller mill with tires. The roller mills are equipped with the solid-to-the-shaft white iron rolls used on all Roskamp mills, and the rolls are corrugated at 10 grooves per inch to provide maximum capacity for the farmer.

The portable roller mixer is available now from Roskamp's manufacturing plant in Cedar Falls, Iowa. For further information contact Lou Shuba, Regional Sales Manager, 2167 Rush-Mendon Road, Rush, N.Y. 14543, 716-533-2237.

Tobacco baler comes to Lancaster



Improved handling of tobacco through 22-inch bales weighing 75 to 80 pounds has come to Lancaster.

Lancaster Silo Co., 2008 Horseshoe Road, has begin marketing a baling machine, which was developed at the University of Kentucky.

The basic baling machine includes three bins in which tobacco is laid and compressed into bales using a hydraulic cylinder. An air compressor is needed for the operation of the hydraulic cylinder, but another model utilizes a bumper jack system worked by hand.

The three bins permit the grading of tobacco as it is stripped. The baler has already caught on in Maryland tobacco areas.

The baler was produced in kit form by the Daro Company of St. Paul, Minn. Last year, the R. J. Reynolds Company provided a grant for 10 machines to be tested in Maryland.

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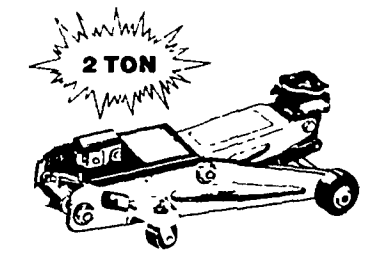
P205/75R14(FR78-14)	3-24200	58.88	2.34
P215/75R14(GR78-14)	3-24226	60.88	2.49
P225/75R14(HR78-14)	3-24242	59.88	2.62
P-205/75R15(FR78-15)	3-24404	59.88	2.46
P215/75R15(GR78-15)	3-24420	62.88	2.62
P225/75R15(HR78-15)	3-24446	64.88	2.79
P235/75R15(LR78-15)	3-24501	69.88	2.95



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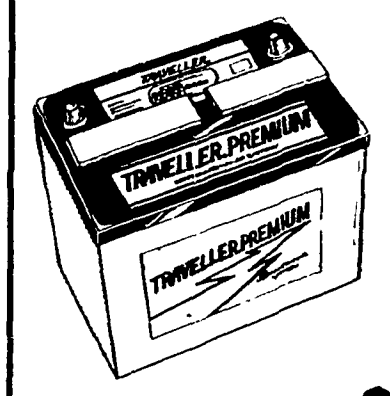

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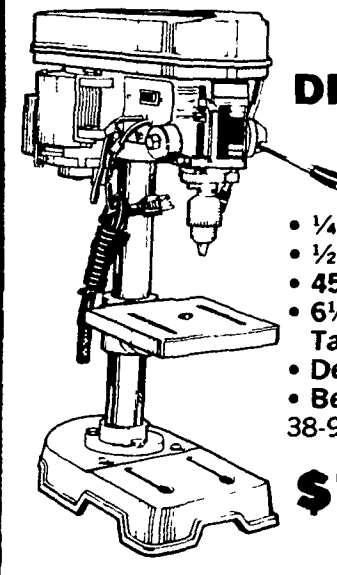

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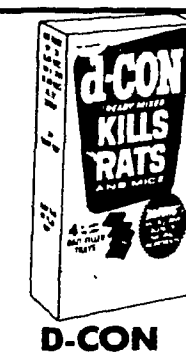

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Agway funds 15 research projects

SYRACUSE, N.Y. — Thirteen dairy, one swine, and one sheep research projects at nine Northeastern universities are supported by Agway financial grants-in-aid during 1982-83. Checks totaling $28,000 for 12 new and 3 continuing investigations were presented to university researchers at the Agway College Dairy Conference.

This conference is sponsored by Agway R&D each fall to bring university researchers together with industry and agricultural experts to discuss current trends and research findings in the dairy business.

The 15 studies involve nutrition and management areas of major concern to the dairy and livestock industry in Agway states.

In dairy, four projects on protein nutrition are supported with grants of $8,000. Four studies involving rumen function received $8,000. Three grants totaling $5,000 support research on environment and minerals, and $3,000 is provided for two studies on health and physiology.

One sheep and one swine project are funded with $4,000.

Universities conducting Agway supported dairy and livestock research include: Cornell University, University of Maryland, University of Massachusetts, University of New Hampshire, Penn State University, Rutgers University, University of Pennsylvania, University of Vermont, and West Virginia University.

University faculty members receiving Agway Dairy and Livestock grants-in-aid for 1982-83 are left to right; (seated) William Hoover, West Virginia; Mary Poos-Floyd, Massachusetts; Leonard Bull, Vermont; Paul Wangsness, Penn State; (standing) James Wohlt, Rutgers; Robert Young, Cornell; James Holter, New Hampshire; William Chalupa, University of Pennsylvania; Darwin Braund, Agway (presented awards) John Vandersall, Maryland; and Heinrich Fenner, Massachusetts.

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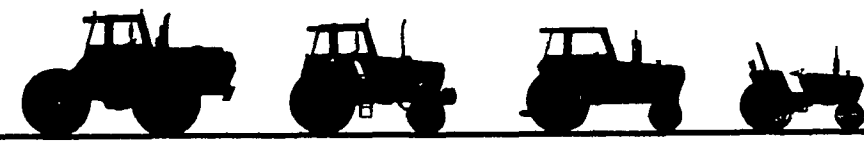

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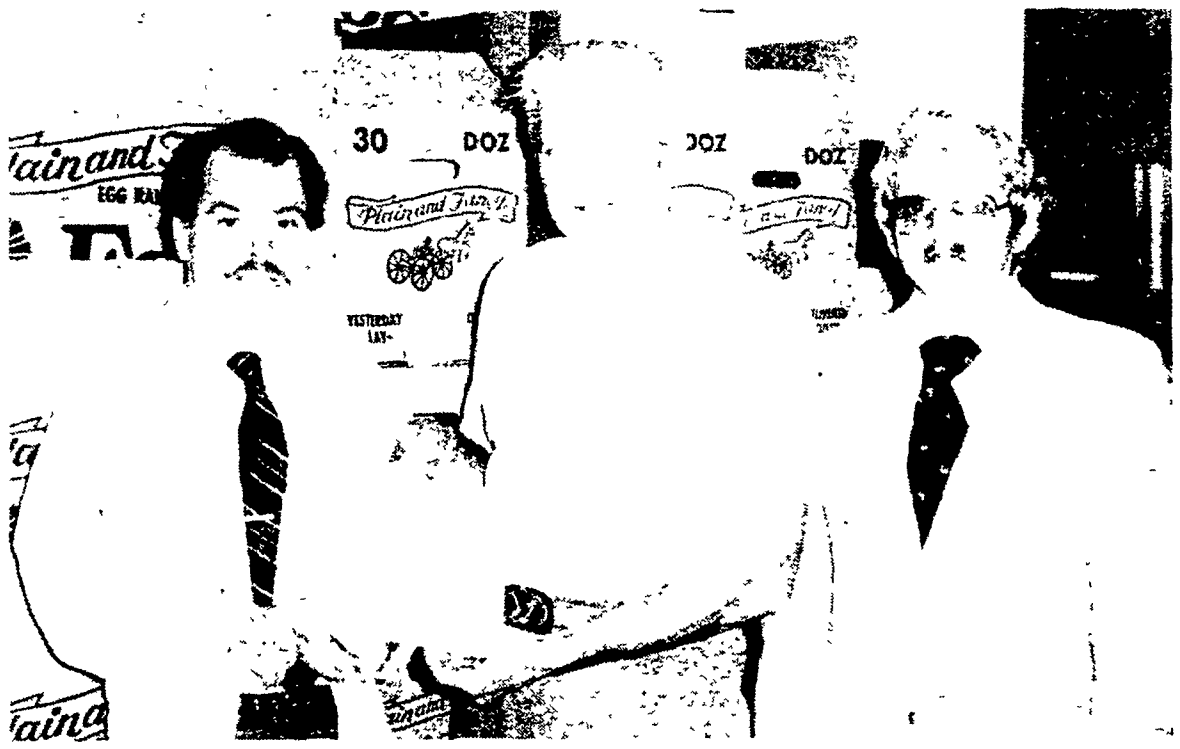

Glenn Filler, sanitation and quality control inspector at Plain and Fancy, left, and Leonard Horning, plant supervisor, right, are congratulated and awarded the certificate of merit by Gene Cassel, Pennsylvania Certified State Inspector. Plan and Fancy Egg Ranch, Inc., R3, Elizabethtown, received the award of merit from the Pennsylvania Certified Program of the Department of Agriculture in recognition of consistent cleanliness and sanitation in its egg processing operation. Plain and Fancy Egg Ranch produces, packs, and delivers fresh eggs in the northeast marketing area, including metropolitan Washington D.C. and Philadelphia.

McGall gets Agway post

James McGall

HARRISBURG — James M. McGall of Mount Joy, Pa. has been named personnel manager for Agway's southern division headquartered in Harrisburg, Pa. The announcement was made by John H. Wylie, division director. McGall replaces Madelyn P. Kilmoyer who is retiring.

McGall joined Agway in 1962 and served in a number of management positions with the farm cooperatives at Honesdale, Clark Summit, Pleasant Mount, and Moscow. Most recently he served as personnel and membership manager for Agway Petroleum Corporation's southern division.

A native of Prompton, Pa., McGall and his wife, Mary, have two sons.

Stauffer Seeds holds meeting

WESTMINSTER, MD. — A customer meeting was held by Stauffer Seeds at the Friendly Farm restaurant on November 16.

Some 65 persons attended and heard Anne Bonestroo, sales agronomist from Stauffer Seeds, outline results of various test plots. Also participating in the meeting, sponsored by Stauffer and several area dealers, was Dorothy Pool, Stauffer supervisor, Westminster, Md.

Among test plots results cited were those from S7759 corn variety planted in five Maryland plots, which top the average yield in early varieties at 174.4 bu. per acre.

Stauffer also markets alfalfa, sunflower and sorghum seed. The company will sponsor an exhibit at the N-Till Conference planned in York on Dec. 16.

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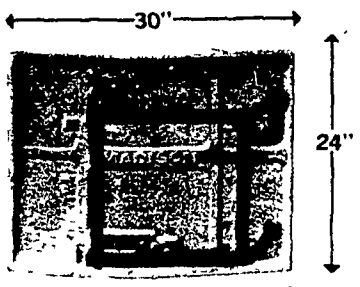
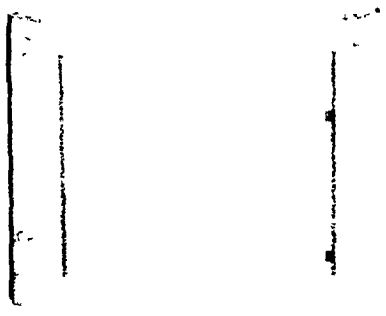
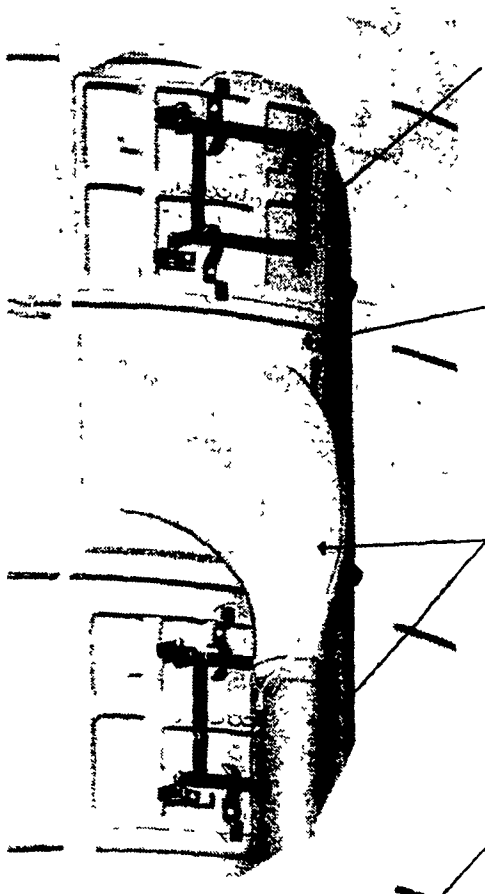
This exclusive new Madison door is nearly 1/3 square foot larger so access is easier, and changing the discharge chute can be accomplished more efficiently You'll love it!



The fiberglass door is engineered to give a positive fit in the curved reinforced concrete door frame





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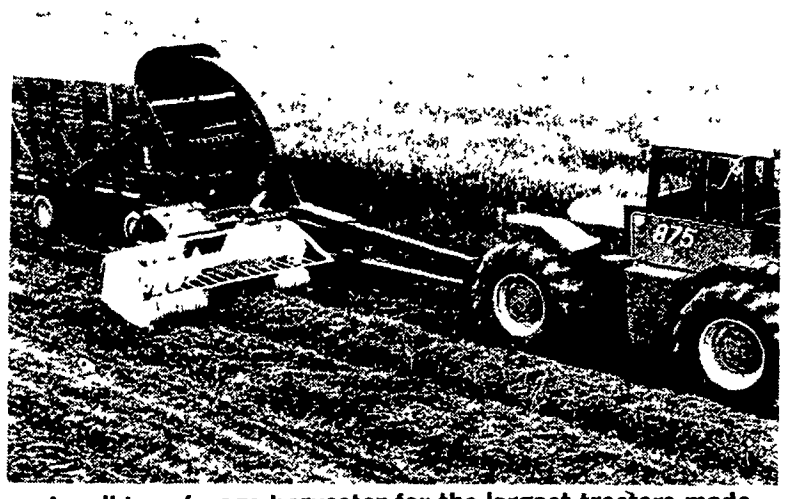


A pull-type forage harvester for the largest tractors made, the new Model 1600, is announced by Sperry New Holland.

New Holland cites pull-type chopper

NEW HOLLAND — Sperry New Holland's new Model 1600 forage harvester is the largest capacity pull-type unit available. It's a pull-type version of large SP models designed for tractors of 170 HP minimum. No maximum power limit is being placed on the unit at this time, according to Product Manager Howard Winey. He explains the new harvester is fully capable of handling the horsepower of the largest tractors currently manufactured.

Crop heads for the new harvester include 3 & 4-row units for corn, windrow pickups and 4-row snapper heads for high-moisture ear corn.

A key feature of the new harvester is the wheel load design, according to Winey. He explains the wheel location and wheel loading enable the unit to handle large crop heads without concern for side draft.

The cutterhead, feed rolls and header are slip-clutch protected to eliminate shear bolts. Positive electric clutches give the operator easy tractor seat control of header drive and feed rolls. Shearbar adjustment is the easiest ever, according to Winey. He explains two external cap screws adjust the bar which has tungsten carbide hardfacing on both vertical and horizontal surfaces.

Select Sires picks 4 area-bred bulls

PLAIN CITY, OH — Four more area - bred bulls have been chosen to enter Select Sires' Program for Genetic Advancement (PGA) sire sampling system. Based on their outstanding pedigrees, these bull calves have been selected as four of only 120 Holstein bulls from throughout the United States to enter the program in 1982.

7H1435 Plushanski TORO-ET, a young bull bred by Charles Plushanski of Kutztown, has been designated a Super Sampler and his semen is now available to all Holstein breeders. TORO is backed by super parentage. His dam is Plushanski Chief Faith, who is considered by many as one of the greatest cows in the history of the Holstein breed. She is an Excellent (94-4E) Gold Medal Dam with six consecutive records over 1100 of fat. Her lieftime production is 242,863 of milk with a 4.7% butterfat average. Her best record is 37,718 of milk at 5.1% and 1,913 of fat in 365 days. She has an Excellent daughter with 949 of fat and a Very Good two year old daughter with 1,180 of fat. TORO's sire is Arlinda Cinnamon, one of the most popular, high PD milk sires in the Select Sire lineup.

The other Pennsylvania bred bull is Brooks-Twain Conductor Alex, bred by Walter Brooks of Springville. The dam of this young bull is Brooks-Twain Jet Amy, a very Good (87) daughter of Arlinda Jet Stream-Twin. She is a consistent, high producing cow with two records over 27,800 of milk and 1,000 of fat. The sire of this young bull is Wapa Arlinda Conductor. The three nearest sires in this pedigree spell lots of milk.

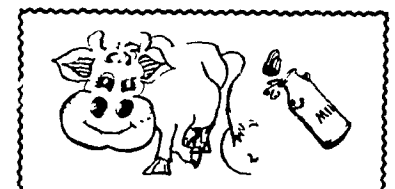
CFI Glendell Arlinda King-ET, a young bull bred by Crescent Farm of Columbus, N. J. has also been chosen.

The dam of this young bull is Hamlet-Hill Kingpin Bridget, and Excellent (90-2E) daughter of Whirlhill Kingpin. She has 226,090 of milk lifetime with a 3.7% test. She has ten lactations, the last being made at twelve years, nine months of age. The sire of this young bull is "Glendell," a sire of outstanding daughters and now also a sire of outstanding proven sons.

Brooks-Twain Trump Alan, a young bull bred by Walter Brooks, Springville has also been chosen.

He is out of Brooks-Twain Elevation Amby, a Very Good (87) Elevation daughter. She has three records over 31,000M and four records over 1,000F. The next dam is Very Good with many fine records, the highest over 24,000M and 960F. He is sired by Letters Burkgov Trump, a sire well known for high production, test, strength and width.

Select Sires, a family of 11 farmer-owned and controlled artificial insemination (A.I.) co-ops, is the nation's largest A.I. cooperative. The basic objective of this federation is to serve the genetic needs of livestock farmers.



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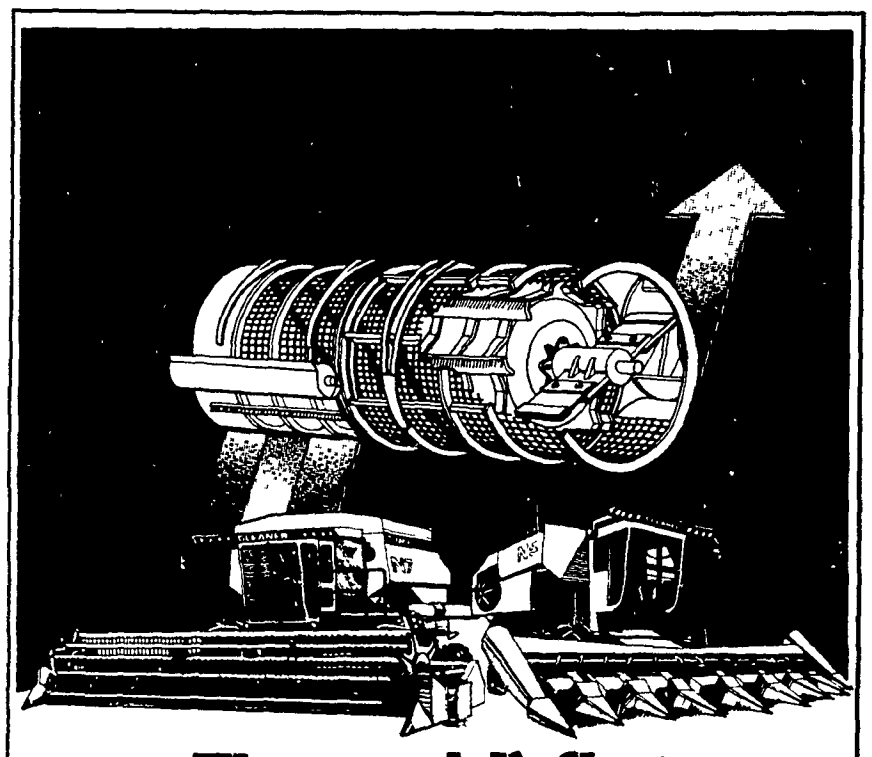

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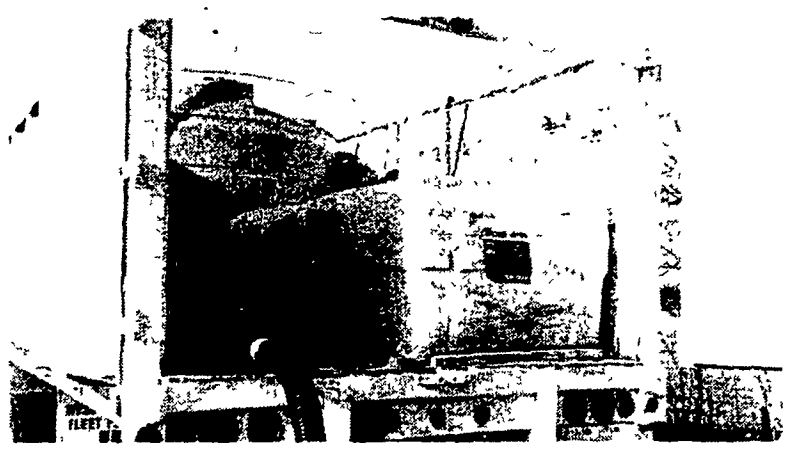
Pa. farmers favor Farm-Pak herbicides

SPRING GROVE — Three Pennsylvania farmers are on the cutting edge of a major new development in on-farm herbicide handling systems — the move away from cans and jugs to herbicides in bulk.

Traditionally, bulk herbicides have been used by farm supply dealers with custom application sidelines. They've had the business volume to use 2,000-5,000 gallons of herbicide per season.

But under a new system called Farm-Pak, pioneered by Ciba-Geigy, the benefits of bulk herbicides are being made available to growers through their local farm supply dealers. On-farm tanks go from 200 gallons up. Most are mounted on nurse trucks that carry water or liquid fertilizer to the fields.



Nurse trucks to carry bulk herbicides to the field are being used by more Pennsylvania farmers seeking to save time and labor at planting. The system is available through farm supply dealers.

Lester Luckenbaugh, Spring Grove, York County, explains:

"We set up our nurse truck with a 1,000-gallon tank for nitrogen and a 200-gallon tank for Bicep plus a 600-gallon tank for nitrogen. The system is all metered. All we do is turn on the valves and the nitrogen and Bicep get metered into the mixing tank. From there it goes into the saddle tanks on the tractor."

For Luckenbaugh, who raises 400 acres of no-till corn and 200 acres of soybeans, the system has meant a lot less trouble.

"We were trying to get away from handling more than 100 cans and jugs a season. That's why we went to it," Luckenbaugh says. "Plus we were having a hard time getting rid of the containers. This way, we take the truck to the dealer, fill it up, and that's it."

Roger Yordy, general manager of Kepler Farms in Milton, Union County, oversees a 2,800-acre corn, soybean and vegetable crop operation that also has switched to mini-bulk. Like Luckenbaugh, Yordy added a tank to his 35-foot nurse truck for Bicep herbicide.

"Now, we're able to mix the herbicides and water right on the nurse truck, rather than opening cans and jugs," he says. "For us, it's cut down on handling time probably 50 percent, counting the time it took us to rinse out the containers and dispose of them properly."

Yordy cites two other benefits he's observed. "The safety factor is important. We appreciate having less contact with the chemicals. More than that, we've been able to save about five percent on the cost of our herbicide."

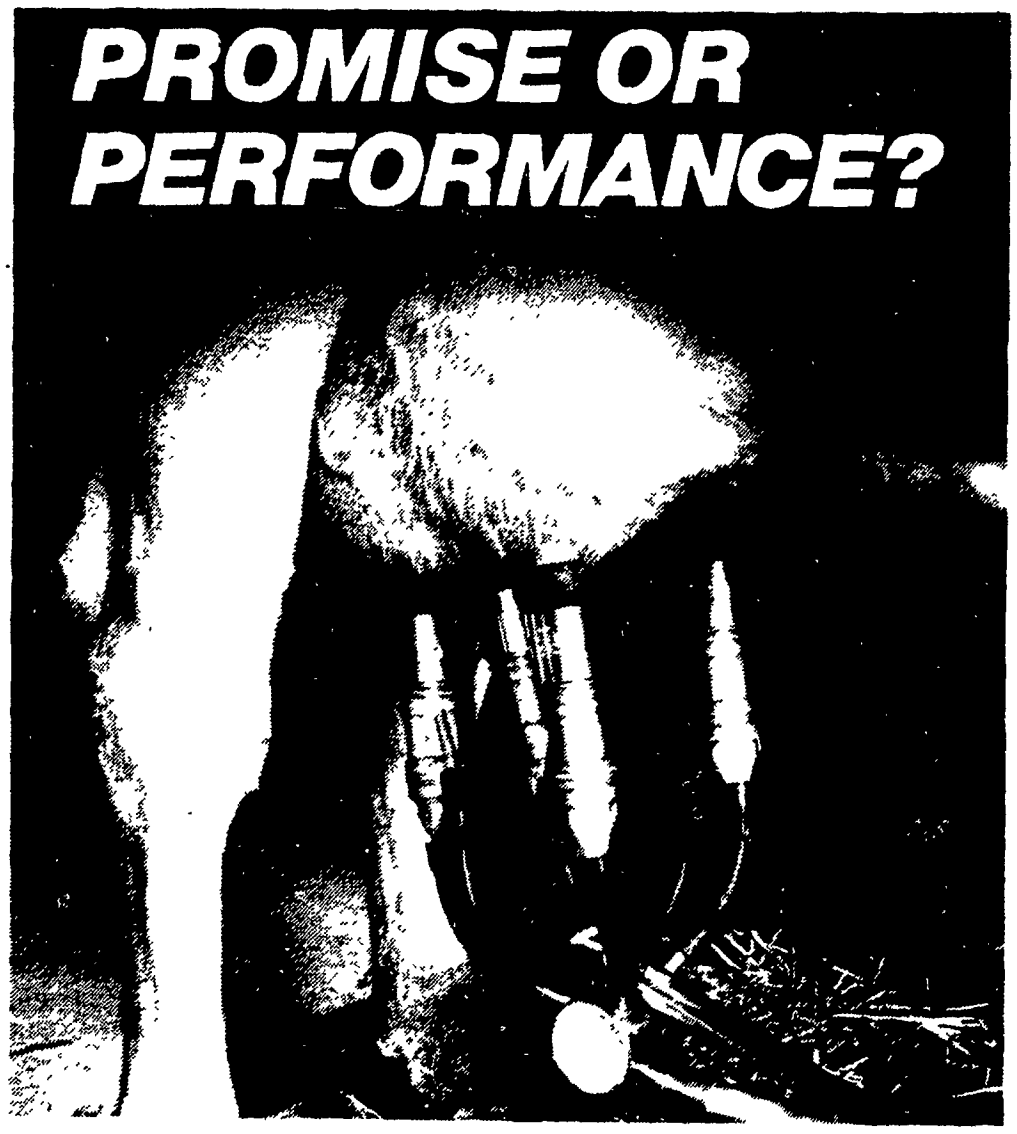
For large growers, like Mike Wright of New Freedom, who farms 5,000 acres of corn, plus wheat, barley, soybeans and green beans, mini-bulk has meant enormous savings in time and labor.

"When we were using jugs, we almost had to nave one person doing nothing but opening them up," he says. "Now we just meter everything in."

Because of the size of his operation, Wright installed two stationary 2,500-gallon tanks of Bicep on-farm. The herbicide is metered from those tanks with nitrogen and insecticides into nurse tanks that carry 4,500 gallons of fertilizer and chemicals to the field. Sprayers are filled from the nurse tanks.

"Mini-bulk has meant a lot more convenience for us," Wright says. "We don't have the bother of mixing any more, or the hassles of container disposal."

PROMISE OR PERFORMANCE?



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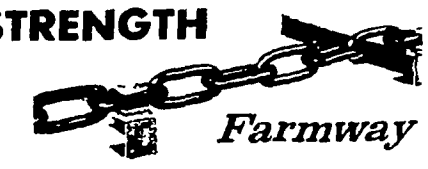

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Calving Bolus patent is awarded to Agway

SYRACUSE, N.Y. — Agway has been granted a patent covering a nutritional method for reducing the occurance of milk fever and retained placenta in cows. On August 24, the U. S. Patent office granted Patent Number 4,346,077 to Agway for the Start:Right Calving Bolus.

The inventors are Darwin G. Braund, Thomas J. Fronk, Richard L. Goings, John W. Peters, and Robert L. Steele. All are or were members of the Agway Dairy & Livestock R&D team. Peters later served as Animal Nutritionist in Agway's feed services division when Start:Right was developed and the patent application was submitted.

The patent bears the title "Method For Reducing Incidence of Periparturient Disorders in Cows." It includes date from three Agway R&D field trials which involved 3,260 cows. A fourth field trial was conducted after the patent application was submitted. It involved 3,059 cows in 82 herds.

All four trials produced similar results and document these Start:Right Calving Bolus as a sound investment in management practice for dairy enterprises.

Benefits of the technology have been available to Agway members and customers since April 1980 when Start:Right was first marketed by the Agway chemical division.

This is the third patent granted to the Agway Dairy & Livestock R&D team for research breakthroughs. The process for regulation of protein solubility in dairy feeds, marketed as Agway Pro:Right feeds, received a U. S. patent on October 3, 1978 and Canadian patent on May 6, 1980.

Agway Inc. is a farm supply and good marketing cooperative with 110,000 members in 12 northeastern states. It maintains the Agway Farm Research Center at Tully, New York, about 20 miles south of corporate headquarters in Syracuse, New York.

Agway executives, from the left, Gilbert H. Porter, vice president research and development, Robert L. Steele, dairy and livestock development manager, and Darwin G. Braund, dairy and livestock R&D director, examine the U.S. patent issued to Agway for its Start:Right Calving Bolus.

Dauphin farmer wins Kasten roller mill use

HALIFAX — Stanley L. Wilt, of R3 Halifax, is the winner of a year's use of a Kasten 24RC Roller Mill, which was awarded through a drawing held at Penn State's Ag Progress Days in August.

Kasten Manufacturing, of Allentown, Wisc., which produces a complete line of forage equipment, displayed the line at Ag Progress. During the show, visitors had the opportunity to register for the use of the roller mill.

Wilt farms 450 acres and milks 65 cows at his Dauphin County farm.

Use of Kasten Roller Mill is awarded to Stanley L. Wilt, right, R3 Halifax, by David Shuey, of Shuey's Sales and Service, of Ono.

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AN IMPORTANT MESSAGE TO ALL PP&L RETAIL CUSTOMERS

Dear Customer:

On Nov. 22, Pennsylvania Power & Light Company asked the Pennsylvania Public Utility Commission (PUC) for a rate increase for all classes of retail electric service.

This increase applies to all customers and would impact your current bill by about 20 percent on the average. The annual cost of service to the average residential user would increase from about $412 to about $494 (based on 500 kwh per month), or by about 23 cents per day. More specific information concerning this increase is being mailed to all customers.

The proposed increase will not become effective until August 1983 unless the PUC approves it by Jan. 22, 1983.

We are requesting an overall annual increase of about $315 million (including tax surcharge) or about 25 percent based on the year ending July 31, 1983. The amount of the increase anticipates a reduction in our annual energy costs of about $186 million due to operation of Unit 1 of the Susquehanna Steam Electric Station. We are proposing to set the energy cost rate at zero when the new rates become effective.

If you want to know exactly how the proposed increase affects your bill, you can contact any of the PP&L offices listed below or shown on the reverse side of your electric service bill.

You may examine the materials explaining the reasons for the proposed increase and the supporting data that the company has filed at the following PP&L offices: **Two N. Ninth St., Allentown; Hausman Road off Tilghman St. West, Allentown; 344 S. Poplar St., Hazleton; 1801 Brookwood St., Harrisburg; 1701 Manheim Pike, Lancaster; 600 Larch St., Scranton; and Old Route 220 East of Montoursville.**

Before the proposed increase can become effective, it will be subject to PUC examination and approval. If the increase is suspended until August 1983, a formal investigation and public hearings will be held by the PUC.

If you want to file a formal complaint against this proposed increase and to participate in the public hearings, you can obtain the necessary forms from the Pennsylvania Public Utility Commission, Harrisburg, Pa. 17120. All complaints should reference Docket No. R-822169.

PP&L
Pennsylvania Power & Light Company

LIVESTOCK FARMERS — Ask us how to double, triple or quadruple the value of your manure, according to a Conn. Agri. Experiment Station, causing the precious bacteria to multiply fast and keep the nitrogen from escaping. In the soil, bacteria will draw nitrogen out of the air. You pressure nitrogen which you already have and you get more nitrogen free. An economical process and economically priced.

VEGETABLE GROWERS — Ask us how to have considerable faster growing, earlier maturing vegetables (well proven) with less fertilizer and without a need for poison sprays. Others are doing it. You could too. Think of the premium price for earlier crops. Same material on field corn gave a good 20 bu. per acre increase - a fair test, well documented. Second year is better, only about $8.25 per acre. Our program puts more sugar, protein, minerals, and trace elements in crops. An Ephrata customer's haylage tested 27.7% and it is superior to bought protein. Better keeping quality vegetables. High sugar makes flavor in vegetables and stand more spring and fall frosts, well proven. There are many extra benefits from working with nature instead of against it. Wise thinkers say the organic movement is ready for a strong upturn because of necessity. (in spite of competitive opposition).

DAIRYMEN — Ask us about a natural mastitis treatment that works, even sometimes when drugs didn't. It treats not just the symptom, hit the cause, with rich nutrition of trace elements, amino acids, chlorophyll and enzymes, the missing links, and makes the cow resistant. It is the same story in the soil-make the animals and the soil resistant naturally, so that "the curse causeless shall not come," Prov. 26:2. A strong, healthy man doesn't catch a virus as easily as an undernourished one and healthy soil produces crops that don't need poison sprays. Who is your crop doctor? For a tractor, don't you use the manual of its maker?

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ORGANIC CENTER
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FARM EQUIPMENT

NI No. 323 one row corn picker, $2,200 814-793-4293

For MF, Deere, Gleaner and Int. corn headers, call Larry. "The Combine Man". 219-862-2151

FARM EQUIPMENT

For Sale - Clay 800 gallon honey wagon, $750. 215-267-2128

Special winter discounts on Shivvers grain drying equipment. Phone Ryder Supply at 717/263-9111

2 Farmall M tractors w/bucket, one IH 400 Cyclo 4 row corn planter, one IH 3 bottom trailing disc plow w/hydraulic lift, one IH 370 12' disc w/mulcher attachment, IH 58N 8' disc, one IH 153 4 row cultivator, one 165 gallon 8 row weed sprayer, 22' steel flatbed truck body. 215-666-5410 after 6 p.m.

Brillion seven shank three point chisel-plow new 1982 fouteen extra coverboard shares $1,100. International 720 semi-mounted four 18" bottoms automatic-reset plow all new moldboards, shins, shares, landsides, steel coverboards, extra plow parts. Clean $4,800. 717-653-1625

For Sale - MF 1085 dual hydraulics three PT 38" rubber. John Bean high boy sweet corn sprayer. 717-587-2659

Wanted - Wrecked or broken down Farmall Super C or 200 with fast hitch for parts. 717-629-0403

FARM EQUIPMENT

Long 610 tractor with snowplow, 500 hrs., $6500; 1978 Plymouth Fury, auto., 53,000 mi., 4 dr., black, $2195; York 10' pull type stone rake, $475; 1700 watt Homelite generator, $275; 3 pt. saw buck, homemade, $100. Crossley Bros. 215-845-7332

Special winter discounts on Shivvers grain drying equipment. Phone Agri-Equipment, Inc., at 717/656-4151

Special winter discounts on Shivvers grain drying equipment. Phone Connie Anderson at 609/267-5605

JD 4020 tractor w/new tires $7500
NI 8½ ton Model 244 Spreader w/endgate (new)...$7000
AC 4 Row Narrow corn head for model G...$3000
WENTZ FARM SUPPLY
Palm, Pa. 215-679-7164

1971 K Gleaner, 10 ft., float bar, $8,250. 45 JD, 10 ft. sharp, $4,750. E Gleaner, 10 ft., 2-40" $4,350. 300 MF, $2,400. Many more, large and small. Also corn and grain headers. Ask for Larry, "The Combine Man". 219-862-2151

FARM EQUIPMENT

For Sale - Owatonna 470 grinder-mixer with hay shredder. Grinder excellent cond. Lanc. Co. 215-445-5834

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For Sale - IH 1150 grinder mixer. 717-966-3919 6-8 mornings and 6-8 evenings.

AC Gleaner rotary combine, 6 row head, like new, Lanc. Co. 215-593-6434

For Sale - 2 row rear mounted AC cultivator, $600. CHC Farms, Union Co. 717-524-9633

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Record U.S. wheat yields only one-fifth potential

BELTSVILLE, Md. - This year's record U.S. wheat yield of 35.7 bushels per acre is still less than one-fifth of a proven possible yield, according to a leading U.S. Department of Agriculture official.

"Contrary to many opinions, wheat yields are far below their potential," said Lee W. Briggle, USDA National Research Program Leader for Small Grain Cereal Crops. "The documented record yield of wheat in the United States is 209 bushels per acre. We now average about 17 percent of that proven production level."

World population and the long-term, increasing demand for wheat will necessitate maintaining the dramatic rise in wheat yields, he said. He expressed optimism about the ability of agricultural research to meet this need.

"Net wheat production can be improved substantially, despite the annual toll of disease, insects, harsh weather, poor soil, and post-harvest losses," Briggle said.

Basic research will yield hardy wheat varieties efficient in photosynthesis and the use of water and fertilizer. Improved management and farming practices will reduce chromic pre- and post-harvest losses.

One of the most promising avenues to higher yields, however, may be the "tremendous, almost untapped reservoir" of genetic material available from wild relatives of wheat, said Briggle.

Although transferring genetic traits to wheat is a difficult task needing additional research in genetics and cytogenetics, successes have already been made, the Agricultural Research Service scientist noted. One of the first was the transfer of resistance to the disease stem rust from emmer to the 'Hope' and 'H44' varieties of wheat. Intermediate wheatgrass has been another wild relative of wheat useful in transferring resistance to stem, leaf, and stripe rust pathogens.

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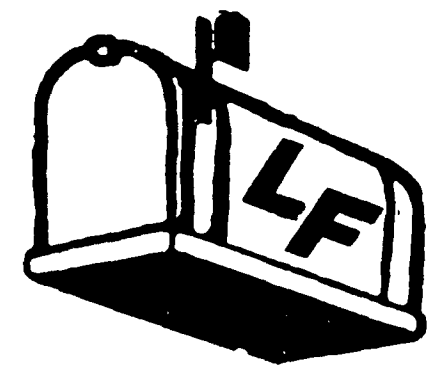

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IH 806 diesel, original paint, wide front, 3 pt. hitch, 814-793-4293

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JD 3020 diesel, wide front w/rollguard 814-793-4293

Combine, 3300 JD, 422 hrs., looks like new. 814-926-3669

1976 7060 AC tractor w/cab, duals 20.8x38 excellent condition. Call 215-932-2753

7G crawler loader, very good condition, asking $10,900. Will consider trade in. 717-367-9773

8 row White planter, excellent condition, 1 year old. For information call 215-932-2753

For Sale - 2 used Acorn cable barn cleaners, 170 & 180 ft. of cable, (2) 1½ h.p. reversing motors. Good for parts. Call after 7 P.M. 717-434-2697

JD 2520 diesel, dual hydraulics, wide front end. 814-793-4293

Deutz diesel, 4 cyl., model F41-912, 65 h.p., runs good, $2,000
6" water pump, TACO model BB6012, 120 GPM, w/100' head, used for dewatering or irrigation, $1500.
Detroit diesel, 3-53 series, power unit w/radiator and PTO, $3000.
VILSMEIER EQUIPMENT INC.
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Route 309
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Phone: 215-699-3533

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

JD 730 diesel, electric start, 3 pt. hitch, fenders, exc. cond. 814-793-4293

HORSE EQUIPMENT
Oliver 28 12" Raydex
NI 206 Manure Spreader
JD KBA 20 & 24 Disc
JD 9' Spring Harrow
NH 455 7' Trailer Mower
IHC 100 7' Trailer Mower
MC 7' Rotary Scythe
NI 10' Fert. Drill
ELEVATORS
Stoltzfus 24'
NH 30' Corn and Hay
TOM WHEARY
Lancaster, Pa.
717-687-0102

JD 3020 Diesel, power shift, wide front end. new front tires. 717-597-7476

FARM EQUIPMENT

Will buy & sell all types of horse drawn equipment 215-593-5754

Wanted! Good MF510 combine diesel, air, narrow cornhead, soybean grainhead, best cash price? Also large rotary mower and 13-14' heavy duty offset disc, good grain truck, strawchopper or strawspreader for MF 510. 215-966-5816

NH #850 round baler, $4,250. Oliver 1755 dwf., exc., $5,500. JD 301 tractor, 3 pt. live PTO, ROPS, exc., $4,250. Baltimore Co., MD. 301-833-9098

Wanted - Forrest View Pine Tree Planter, call collect, 516-765-1248

IH 500C crawler dozer, 6 way blade, diesel w/rops, excel. cond. 90% undercarriage, $13,500, 201-360-9570.

Wanted - Disc plow, 4 bottom, 3 pt. hitch, reversible. 302-378-9343

Farmall Cub tractor with 5 attachments, $2200. MH 30 tractor, good cond., $600. 301-848-1272

630 Bobcat tractor, 1978, 54" bucket with flotation tires, $7200. 215-543-7433

B.F. Avery "A" with hydraulics, plow and cultivators, exc. cond., $750 or best offer. 301-549-1272

Oliver 500 tractor with live PTO and 3 pt., 2000 hrs., exc. cond., $2550 or best offer. 301-549-1272

MF 1130 w/cab, air, heater, good condition. Highest bid over $12,000. Franklin County. 717-328-5642

For Sale - MF 300 combine, cab, diesel, 2 row corn, 13' platform. 717-225-4259

Allis Chalmers cast metal pedal tractor with steel tow behind trailer, a junior size riding toy that looks just like the big ones! They don't make toys like this anymore" (at least not very often) Order now for Christmas gift. Complete price of $129.95 includes United Parcel delivery anywhere in Lancaster Farmer area. Call Towne Tractor Co. Rte. 33 Freehold, N.J. 201-431-3838 to place order.

SPECIAL - New White 8900 Combine with 4 row wide corn head. List $90,000. Our Price $55,000. WITMER'S INC. Columbiana, OH 216-427-2147

For Sale - 1967 #545 Oliver Combine, good condition $3500. Negotiable. 609-451-7463

MF 150 w/loader, exc. cond. 717-665-5873

Case Uni-loaders 1537, LP gas, new paint, new bucket, rebuilt engine. 1740 diesel, new paint and pulley. T & T Supply, Danville, PA 717-275-0927

Fall Specials - Gehl 120 grinder mixer, excellent $3250; New 3 pt. blades 6 and 7', special discount; JD 7' pusher blades; NH Super 26 blower, excellent; New 6' bucket to fit Swartz or Oliver manure loader; 18' Steel rack bale thrower body in stock, special discount $1,025. White 316 plow, sharp; McCurdy and Farmer Boy gravity bins in stock; 12' Supreme silage conveyor, used 6 months; Round bale feeders w/floors; 7' Woods rotary cutter, 11' Chattanooga cultipacker; 13' Brillion field cultivator. Pequea woodsaw in stock, 20' harvest handler elevator on wheels. NH 30' elevator; Opel flail chopper; Ford post hole digger. Hardy rotary mower. Sales and Service on farm tires. DJ Implements, located in Reistville midway between Myerstown and Schaefferstown along Rt. 501 717-949-3074.

JD 4010 w/new engine, 38" rubber, front, excellent 814-793-4293

10' Miller disc, good condition 814-793-4293

FARM EQUIPMENT

For Sale - TD6 parts, also blade and pulley. 215-445-4955

Must Sell - Gleaner F, Diesel, 1600 hrs. very good cond., 13-6 grain head. A-438 corn head, like new, Perry Co. 717-957-2592

Hammermill, 10" heavy duty Bear Cat model 7A w/feed collector, 10½" cutterhead, 5 screens, PTO, First $650. Call Mon.-Fri. 9-5 215-925-3336

55 JD round back, 13' hume reel, $1,000 or best offer. 215-348-5514

For Sale - IH 656 diesel, hydro, trans., 18.4x34 tires, 95% tread, roll guard, $4500 or best offer. 215-593-6127

For Sale - NI 319 mounted cornpicker w/12 roll husking bed, like new cond. 215-869-8745

For Sale - 1537 Case Uni Loader, good cond., $2950. 1270 Case, power shift, good cond., $9500. 717-733-0575.

4 row corn planter, IH model 56, double disc, plate type, $700. 201-689-0802

For Sale - 36' NH elevator w/extra paddles, 1½ HP motor and top hopper, 3 years old, good condition, $1,200. Also NH 469 haybine in good condition, $1,500. 717-532-8601

JD 2840 Diesel 18 34x34 tires, hi lo shift, front end weight, dual outlets, good cond., $10,200 717-733-7408

Antique 2 wheel tractor, plow, harrow, disc cultivators, sickle bar, best offer. Call after 6 p.m. 215-856-7484

Sauder hyd. manure loader, new type hyd. bucket. Chester Co. 215-932-2533

Lilliston model 2000 rolling cultivator, 3 pt. hitch, 186" tool bar, units complete w/front and rear gangs, coulters, etc., $1,150. 412-837-8310 days or 412-423-2791 evenings

Snap Bean Harvester on Int. 666 hydro drive tractor complete with dump box $11,000. 609-769-3183

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Cub Lo-Boy w/mower
Cub w/mower and S. Plow
Cub Disc Harrow
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Wisconsin And F-Cub Engine Parts
Cranks, heads, blocks, all reconditioned
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530 JD 3 pt. and fenders, excellent condition. 814-793-4293

JD 4620, power shift, good condition. Lancaster Co., Pa. 717-284-2761

For Sale - (New) NH 310 baler super sweep pick-up w/engine. $5,800 Jacob M. Fisher East Gordan Road Gordanville, PA 17529.

For Sale - John Deere Model 30 2 row potato digger, Oliver PTO 1 Row. 717-687-0102.

JD 2510 gas, dual hydraulics, 3 pt. power steering, 3000 hours, 814-793-4293

Welder - HOBART 250 amps D.C. welder with 10 HP, LISTER diesel direct drive, 12V Electric starting on skid, very little used, $2,795 cash only, welder $795 cash. Byers Diesel Refrig., Star Route 655, Belleville, PA 17004.

Brushless Generators, PTO or diesel drive, power shafts and trailers, come in see them. Byers Diesel Refrig., Star Route, Belleville, PA 17004

FARM EQUIPMENT

FMC 1 row sweet corn picker, mint condition. Call 914-457-5117

JD 4000 diesel, side console, 72 model, 814-793-4293

Ford 3400 backhoe and loader. 814-793-4293

NH 368 Flail Manure Spreader, excellent, 1064 gallon. 717-776-4203

IH 684 Diesel tractor w/rops, canopy and 2250 loader 450 hrs. 301-363-1660

MF 135 gas, 6 ft., JD rotary mower, 301-252-0154.

For Sale - 16 blades for a Lilliston disc harrow, $30 each. 302-378-9343

FARM EQUIPMENT

For Sale - JD 2840 Low Hours in excellent condition $12,500. 717-896-3630

For Sale - 10' Grandy seed and fertilizer drill, like new 717-687-0102

Farmall Super C F.H.; F.H. Hay Rake; F.H. Disc Harrow; F.H. Corn Planter and Manure Loader, 717-687-0102

886 IH, 1980 model, low hrs., good shape. 717-354-0281

New AC 7045 tractor, power shift transmission, cab, 146 HP, 20.8-38 tires, 540 over 1000 PTO, $27,000. Agronomics, Inc., RD 2, Factoryville. 717-945-3933

FARM EQUIPMENT

Gleaner C2 combine A-1 condition, both grain and corn heads. 302-653-7586

For Sale - JD 3020 gas tractor, WF, low hrs., 16.9 34 tires, $4800. Also 3020 JD D, WF $5500 717-532-7054

JD 3020 gas, wide front end w/48" loader, $4500, 717-587-4839

IH 966 diesel 3 pt. wide front, excellent condition. 814-793-4293

For Sale - Farmall H tractor w/cultivators, $995. 717-374-7231 or after 6 P.M. 717-837-2381

JD 2030 diesel w/loader. 814-793-4293

FARM EQUIPMENT

Custom built mixers for haylage ensilage and grains or mix your own dairy feed to increase profits. Accurately weighs and mixes in minutes. For more information and prices call 215-267-2453 Rissler MFG, RD 3, Denver, PA

JD 2940 diesel, almost new, 351 hours, 16.9x38 tires, $16,900. International 656 diesel, hydro, $6,500. 219-862-2151

Farmall 656 hydro w/2250 mount-o-matic loader; IH 720 auto. reset plow, 5-16S, hillside hitch, spring loader coulters; IH 11 tooth chisel plow w/lever; Farmall 806 diesel, dual hydraulics, wide front, 18.4-38 tires; MC continuous grain dryer, electric or PTO; IH model 500 Cyclo corn planter, will plant 6-30" rows or 8-25" rows. 814-443-2193

For Sale - JD 350 Dozer, 6 way blade hydraulic ripper on back 2600 hours, pins and bushing, just turned first time. Also Case 450 Dozer 6 way blade new engine, 375 hrs., under carriage new year ago. 216-852-4088

Case 830 Diesel, wide front, 3 pt., low hours, front end loader, new rubber all around dual hydraulics, PS, NI mtd. corn picker, husking bed for IH H.O.R.M. 1½ ton feed box 609-771-0394 after 6:30 p.m.

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IH 966 Ex. Cond.
IH 2504 Loader Tractor
JD 4020 WFE Side Console, Low Hrs.
IH 656 Dsl. w/2000 Loader
IH Super C w/cult.
IH Super H, Excellent
IH 2500 Industrial Tractor w/Loader,
IH 2500 Tractor/Backhoe Loader
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IH 606 D Utility, Exc.
IH 574 D w/2050 Loader
IH 544 D Utility Hydro, Ft. Pedal
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IH 311 3B Plow
JD 130 3B Plow 3 pt
JD 720 5B 20" Plow
Oliver 3x14 3 pt. Plow
Oliver 2x14 Trailer Plow
JD KBA 12' Transport Disc
Case 8' Disc
Dunham Lehr 9' Disc
Kawanee 13' Disc
IH 19B Disc
IH 470 11'6" Disc
IH 53 4 Row Cultv.
IH 263 2 Row Cultv

HAY EQUIPMENT
OMC 590 Sm. Round Baler
NI 456 Big Roll Baler
IH 241 Big Roll Baler
IH 2400 big Roll Baler
IH 445 Baler w/Thrower
IH 440 Baler w/Thrower
NI 270 Cut/ditioner
IH 1190 9' Windrower
IH 990 9' Windrower
OMC 216 9' Windrower
OMC 208 9' Windrower
Case 555 9' Windrower
Hesston 10' Hydro Swing Windrower
Hesston 320 AP 9' Windrower
NH 404 Hay Crusher
JD 5' Rotary Mower
Mott 3 Pt Mower
Fisher Hay Tedder PTO
JD 894 Rake
IH 15 Rake

CORN PLANTERS
JD 1240 4 Row
IH 400 6R No Till w/Monitor
IH 400 4R No Till
IH 56 4 Row

COMBINES
IH 915 w/6R Corn Head
IH 715 w/4R Corn Head
IH 205 w/13' Platform

FORAGE WAGONS
NH #6
VanDale 185 Mixer Wagon w/Scales
Coby 4000
McCurdy Gravity Box
Grove w/7 Ton Gear
Gehl w/8 Ton Gear
Brady 512 Feder Wagon
Badger Tandem Axle, Roof

FORAGE HARVESTERS
IH 555
Fox 546
Fox 3300 w/2R Narrow Corn Head
Fox Custom 90
NH #818
Brady 722 Flail Chopper
IH #8 Flail Chopper
NH #33 Flail Chopper

CORN PICKERS
NI 325 w/327 Husking Bed
IH 234 Mtd. Picker
NI 314 Corn Sheller Attch.
MM Model SK 2 Row Mtd. Picker

BLOWERS
IH 56, Reconditioned
Hussler 56
Fox 44 Table, belt driven
Kools KB60
NH #27

UNI EQUIPMENT
702 Uni Cheap
705 Uni
767 Forage Harvester
710 Combine
729 A Shelter
NI 744N Corn Head
770 Feeder House

GRAIN DRILLS
JD FB 13x7 Comb.
JD 17x7 Comb
IH 16x7 Comb.
Oliver 16x7 Comb. on Steel Wheels
Oliver 10x7 Comb on Steel Wheels

MANURE SPREADERS
NI 245
NI 244
NI 224
NI 218
NI 214
NI 213
NH 676
Better Bilt 2600 Gal Liquid
IH 540

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Jamesway 60' Belt Feeder
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AC D15 Tractor
NI 708 power unit and 702 power unit
737 husking bed
717 combine
713 combine
744 corn head
731 corn head
NH forage harvesters:
(2) 770 w/heads
(1) 717 and (1) 718
NH 351 grinder mill
NH Super 68 baler

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Low Acreage Machine
AC Model L
Gleaner combine w/4 row corn head and 15' grain platform

Oliver semi-mounted 4 bottom plow

Used corn pickers:
NI 324 2 row corn picker
NI 324 picker sheller, 2 row

NEW EQUIPMENT
802 Uni power unit
767 Uni chopper
766 pickup head
768 corn head
1 7020 Hesston forage harvester
1 7140 Hesston forage harvester
2 7316 Hesston forage boxes
2 Hesston round balers
2 323 NI corn pickers
NI 213, 214 and 245 manure speaders

AC Tractors:
6060 4 wheel drive
6140 4 wheel drive
8010
(2) 5050
(1) 2600 disc
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Nelson 4WD Diesel Loader w/cab. $5500. DENNIS M. MILLER Rt. 22 Grantville, PA 717-838-1888 anytime 717-469-0937 daily

FARM EQUIPMENT

20 Century welder, 295 AMPS, $300, 125' welding cable and 145' welding cable, $100 each, ½" table drill press, $125, evenings 717-687-0204

FARM EQUIPMENT

FARM EQUIPMENT

(Combines, Tractors and Equipment on our Lot.

(Combines) Used 1980 JD 8820 fully eq. w/843 corn head real nice for $69,000. 1981 JD 6620 turbo Hydro, 200 hrs., like new, 1977 JD 4400 Diesel, Exc.; NH TR 70 w/Cat Dsl. Gr. Hd. & 6R C. Hd.; 76 JD 4400 Dsl. (SOLD) looks like new. JD 8820 fully eq. w/4 whl drive and dual wheels used 450 hrs. like new for $68,500. New JD 4420 fully equipt. 443 C.H. 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn, Gleaner N5 (Demo) fully eq. w/15 ft. grain and new 6-30 C.H. 1976 Gleaner FD w/air and both heads (1 local owner); 1976 Gleaner KKS cab & air w/grain $12,500, 1976 Int. 915 grain head $19,900, 1979 MF 550D, excel. w/grain and corn heads. 1975 MF 510 hydra. w/grain and corn. 1973 Int. 915 gas w/grain head $8750. MF 510D w/cab, Quick Tach grain for $6950.

1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head for $24,500, JD 6600 D w/air & 13 Ft. grain.

1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.

Used JD 213 and 215 flex heads.

Late model Int. 303 w/cab, N.H. 985 w/cab and grain and 4 row 38" C.H. 1972 Gleaner F w/grain & C.H. NI 702D w/cab $6200. NI 702 w/729 A sheller.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard, Ford 4000D w/1400 hrs. excl.

New John Deeres 4040 w/Power Shift and R.G. for $23,950, New JD 4240 cab & air Q.R. for $30,000, (4) real nice balers, JD 336 w/thrower, NH 320 w/thrower, used 1 season. NH 315 w/thrower, Hawk Built round baler.

Corn Heads JD 643, 444, 843, 343, 443, 435N, 313 for 45C, 334, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 843, 743, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444 $7350, New JD 643 $12,500, used White 706N C.H.

New Int. 5088 fully eq. new Farmall 1586 w/radial tires and triple outlet for $29,500, Farmall 706 gas, 806 diesel w/cab original-Nice. 1206 real nice, new JD 4440 C.A. Quad w/radial tires, used JD 4230 w/R.G. and creeper gear, 2640, 2630, 1966-4020, 3020D WF and Diff lock. We have 5 JD 4020 side console diesels. MF 175D w/Loader, JD 2440 w/R.G. 2840 for $11,600, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged, give us an offer.

TRACTORS AND EQUIP. REC. THIS WEEK. JD 4640 power shift fully eq. w/300 hrs., like new for $33,800.; JD 4630 PS w/frt. wh. dr.; Case 1210 dsl., Oliver 2255 w/cab, MF 202 w/loader; Farmall 1086 w/front wheel drive used 800 hrs., Farmall 826D nice original, New NI 324 picker w/super sheller list $15,390. Special $8,475. New NI 325 picker w/super sheller, new NI 404 wheel rake; NI 2100 (Demo) liquid manure spreader list $11,300 Special $6450. Used JD 500 rd. baler; Farmall 706 w/310 German D w/cab, MF 1105 w/cab and air. Farmall 656 hydro D. w/cab, 400 w/P.S. and F.H. Farmall 1456 original; Farmall 806 gas w/3 pt.-nice, New N.I. 323 picker list $7,861 - SPECIAL $5495. only 1 left, JD 8630 fully eq. w/duals; JD 4020 D.W.F. Power Shift, Used JD 2940 real (SOLD) nice; JD 2520D, JD 50 w/227 (SOLD) mtd. picker, David Brown 885, MF 1135 w/R.G. and dual wheels, MF 285 D. Int. 656 utility Hydro D. D.B. 1200. Oliver 550 w/Loader (SOLD), NH 890 2 row snapper head. JD narrow 30" 2 row crop head, like new. Used N.H. 354 Grinder Mixer, like new.

NI 325 pickup w/12 roll bed used 4 yrs. Farmall 504, Int. 510 18x7 drill.

TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; JD 4320, JD 4010D, 1 owner original, Farmall used 986 cab and air, 1566 cab and air w/new T.A., Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

Int. 3588 - 2 + 2 w/dual wheels, used 530 hrs. like new for $29,500; JD 4020 W.F. power shift, good tires $7700; Case 1070 P.S. $6975; JD 4020D. W.F. D.L. Dual hydraulic & cab, JD4010 D. W.F. JD 4010 Tri D, Farmall 766, 706 w/310 German D. 1 owner original, real good. Oliver 1850D, Case 930 Standard, 460D w/F.H. AC 185D w/turbo nice-$8900.00 New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, (Summer Specials) New JD 4440 Sound guard body QR $34,800. Deutz 9006, Super (SOLD) H-985. Farmall 1086 cab needs repair come look and make offer.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear, New Int. 2250 loader

CORN PICKERS - NEW New Idea 325 w/12 (SOLD) roll bed, Used (2) N.I. 324 w/12 roll bed, (1) NI 325 N w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. Int. 234 w/12 roll bed. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. Used NI 323, #10.

J.D. 7520 w/3 pt. & Dual Wheels. JD 4020 w/58 Loader, JD 4430 w/sound guard, cab and Q.R. for $15,500.00, JD 4320 w/cab.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, Cub Cadets 1650, 1450, JD 210, 200, 112, Farmall cub w/mowers, Farmall Super A w/cult, real nice.

HARVESTERS. Used JD 3960 w/long tongue and elec controls real nice for $7250, N.H. 770 w/2 row, Used Int. 720 - 2 row, for $4650. NH Super 717 1 row, J.D. 38 Chopper w/2 row, Fox 2 row snapper head. NH 770 1 row snapper C.H. Gehl 600 w/2" 30" & pickup head.

Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800.

ALLIS CHALMERS New 7010 - AC 200 w/factory cab, AC 185 w/R.G. w/600 hrs., 7080 w/cab & duals $18,800, 7040 w/cab, power shift like new, low hrs., 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch, AC 185D

JOHN DEERE New JD 4440 cab, air, power shift, $35,900. New JD 4440 cab, air Quad, used JD 4430 - 4 post, power shift, used 4230 cab, air, QR, nice, 1975 - 4430 C.A. QR. sharp. 4030, 5020 tractor puller, JD 2020 w/loader, JD 4030 w/R.G. and Quad. JD 60 w/P.S. JD 630 w/3 pt., JD. A. JD 70 w/P.S. & 3 pt.

FARMALLS: 1586 w/cab, w/800 hrs., fully equip. w/dual wheels and dual PTO real nice, used 1086 w/cab, air, 1 owner-looks like new; used 686 Dsl. w/1600 hrs., 966 black stripe w/roll guard, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. 756 WF 3 pt. original, 656 Hydro D. WF 3 pt. original.

Int. W9 gas w/pulley.

New White 2-105 w/cab $22,850. 2255 w/V-8 cat and new over and under shift.

MASSEY FERGUSON - 2805 24 spd. w/duals real nice, 1130, MF 180D. 175D w/loader for 5875.00; 1971 MF 1100 w/cab real nice, MF 1130 for $6250 w/Super 90 diesel.

(Case) New 2090 Cab & Air, power shift $23,750; Case 1410D, 1030D.

Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1800, 1850 w/cab, 1550 gas, Oliver 550 w/loader, Long 560D w/loader, Ford 6000 Commander, D, Ford 3000D, 52 Ford 8N Original excell. MM Vista 1000 w/cab and loader, MM S670 diesel.

1970 JD 4020 side console w/dual hydraulic (local owner) JD 2510 gas w/48 loader, Long 350D w/mtd. broom; Int. 460 utility w/loader, Woods 4 row stalk shredder.

N.I. 702 Uni tractors w/combines & 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.

IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 933 crawler loader, Case 850 D dozer w/hydrl. blade, Skid Loaders - Bobcat Hydro 700. Ford CL40 Skid Loader.

Ford 4000 gas loader and backhoe.

Mechanics Special JD 4020 gas, power shift $3950.00.

Case 1030 Needs Trans. Work. Case 1410, Farmall 460D w/F.H.

PLANTERS Used JD 6 row Conservation, fully eq. real nice. New 7000 JD 4 row w/Inst., fert. & monitor $6950, used JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for 6850, N.I. 325 picker w/sheller. Used Case 13 ft. Disc w/new blades and dual wheels. (New Haybines,) Gehl 1090 9 ft. for $4800; (used haybines), MC 7' rotary scythe, JD 1200.

New Holland 354 Gr. Mixer; Used John Deere 300 Husker.

Long 1199B 3 pt. backhoe like new; MF #246 Quick tach loader Like New, Holland #1500 3 row transplanter used 1 acre, used JD 444 corn heads from $2450, and up.

Cabs for JD and Int. Tractors. Used Int. rollguards. New Int. #4500-16½ ft. field cult.

Glenco 12 ft. 9" Soil Finisher like new.

New JD 8300 grain drills 21x7 double disk, Used Int. #510-18x7 D.D., Used Int's #10 18+7, Farmall 560 w/Int. 234 mtd. picker, $3775.00.

Planters - Int. 4 row #800 Early Riser, Oliver Planter 6 row w/no til fert. fill, inst.AC 4 row no til w/dry or liquid fert. Used JD 7000 4 row w/liquid (SOLD) fert. and minimum no till, Woods 120 offset cutter. NH pickup heads for 770, 717, Miller 12 ft. offset disk, (JD 215 disk 13'9" Demo Like new, Athens 10 ft. rock disk) JD Disks #210. Int. #480-22 ft. Wing Disk, Badger 1500 gal. liquid tank spreader, New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. Used Manure spreaders - 2 NI 214 nice, JD 54 - good, NH 518 - nice, NH 365 (SOLD) Tank Spreader.

PLOWS - Int. #720 5x18 reset like new, Ford 5x18 spring reset. Ford 3x18 sp. reset, JD 2500 6x sp. reset, JD 5x hyd. White 4X spring reset, 3 rollover plows - Int. #140 - 4x18, Oliver 4x16 rollover plows, New Brillion 21' hyd. fold packer, Used Brillion 15 ft. cultimulchers, Chisel plows - JD 11 ft. pull type Athens 7 and 10 ft. 3 pt., new Int. #80 snow blower; New Johnson loader.

Flail chopper, New Holland 38, 36 & (SOLD) Brady, Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550, JD (SOLD) 400 Gr. Mixer; JD FBB XX Disk grain drill; Rakes NH 256, 56 (SOLD), (SOLD) AC, used NI 404 whl. rake, Int. 3 pt. wing harrow.

Bargain corner Haybines - 2 New Idea 9 ft., 2 Hesston PT 10.

Owatonna 200 haybine, Bearcat Gr. Mixer, JD 214 baler (SOLD) w/thrower, Int. 400 4 row, & 6 row air planter for $975.00, White 5400 4 row no til, JD 1240 plateless, 8 JD 1250 and 1300 six row planters for $700 to $1450.

Used JD 400 15 ft. rotary hoes, New White. 14 ft. field cult., Kawanee 22 ft. Wing Disk, used Long 1199A 3 pt. backhoe, like new $3850.

Loaders - used JD 58 MF loader for 1105 Int. 2000 Loader, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.

(Combines for Parts) MF 510.

TRUCKS - 1979 Chev. C65 24 ft. rollback w/61,000 miles, like new, KW truck tractor fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.

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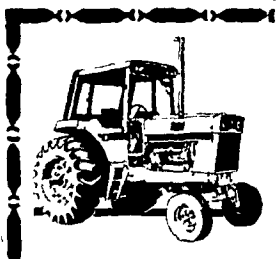

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- (3) NI 705 Diesel Uni Tractors
- IHC 666 Gas Tractor

Case 1370 Tractor w/cab and air
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HD5 Dozer, excellent condition, Massey 64 w/5' industrial loader, 3 point backhoe, good undercarriage, rubber. 717-927-6564 after 4 P.M. weekdays.

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Case 1845 skid steer loader, 2 buckets, low hrs. 717-866-7035

Glencoe SS P-5 soil saver one year old $3600; N.H. Hay Rake $300; JD 520-27' boom sprayer $1150. Call 215-946-4407

For Sale - 1972 JD 4320 diesel, wfe, roll guard with roof, weights, good tires, mint cond., low hrs., $1100. 717-532-8601

For Sale - 3 pt. hitch JD 7' York rake, $550. 717-687-0102

JD 4020 diesel, wide front end, dual hydraulics, side console, good condition. $7,500 or best offer. 717-532-9234

MF 510 diesel combine, quick tach, cab and grain head, $4800 or best offer. 717-733-7408, 738-1677

Oliver 535 SP combine, 13' grain head, 2 row corn head. 215-598-3575

For Sale - Spin Spreader $400, elevator $150, Case Harvester w/2 row head $1000, 717-286-5306

For Sale - JD "B" unstyled, for parts only; also JD "B" styled, runs but needs work. 717-653-5706

For Sale - 42 KVA generator, 240V, 87.5A, 60 cycle, 3 phase with model 4031C GM diesel 4-71 includes all electrics, $4000 firm. 215-779-7812 8 a.m. - 5 p.m. Mon. thru Fri.

FARM EQUIPMENT

For Sale - NH manure spreader, triple beater, 200 bu., good cond., $700, needs new web. 215-445-6976

NH 455 and 456 mowers trailer
NI 752 Hay Crimpers
Oliver 12" & 14" trailer plows
MC 2 way plows
JD KBA 20 & 24 Discs
Olson roto-beater
JD spring harrows
NH rakes 56 & 258 nice
JD 999 Corn Planters Plateless
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JD 494A 4 row corn planters
NI tobacco planter 1 row
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Wood Stoves
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Lancaster County

Dodge truck, will haul 5 horses, good cond., new inspection, call after 5 p.m. asking $3000 or best offer. Call 215-257-8708

Blade for IH Cub Low Boy, like new, we never used. $225. 717-757-1386

For Sale - IH 110 forage wagon w/3 beaters and roof, Cardinal auger, PTO driven, NH 675 manure spreader, 275 bu., feed cart 2 ton capacity, PTO or electric drive, all in good cond., Union Co. 717-966-2491

For Sale - JD 290 corn planter, tobacco bale box 717-733-0825

For Sale - AC D21, series 2, fully equipped, low hours, best offer. Phone evenings. 717-568-7271

Ford one row mounted picker sheller with bin, $1,200. Phone 717-784-0628

JD 4400 combine, 4 row wide, 13' flex platform 1700 hrs., air and heat good cond., 301-836-1916 or 301-452-5150

FARM EQUIPMENT

Used New Holland Forage Wagon - excellent condition, Venus, PA, Venango County Phone 814-354-2139.

1955 JD tractor B, 3 pt. hitch, power t-off, $1300. 609-696-3661

AC W.C. tractor pulley, power take off, good cond., new paint, good tires, $1000. 215-932-9536

1 - John Deere Model 50 mounted corn sheller last model made, can be used with 237 or 227 picker all mounting brackets, very good condition; make offer call 1-717-244-4544 between 9:00 A.M. to 5:00 P.M.

Woods model C80 mower, 3 pt. hitch, good condition. Baltimore County. 301-592-2484 or 301-592-2702

For Sale - New 11.2x28 tractor tires, $125, 717-752-5108

Wanted - hyd. front end loader with dirt and manure buckets for IH Farmall 504 row tractor. 717-866-4926

NI 701 Uni-system, 710 combine, 711 platform, 735 3RN corn head, 729A sheller, good condition. Also 5 HP single phase motors. 814-466-7177.

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FARM EQUIPMENT

MF 1085 w/cab 814-793-4293

For Sale - JD 237 mtd. cornpicker, w/multi-lube and stock ejector, fits 3020, $800. 717-862-3833

MF 510 hydro. stat combine in excell. cond., 1466 IH and 1086 IH w/cab and air, 717-547-2387

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For Sale - Farmall 560 diesel, w/live PTO and torque, Ford 641 Workmaster, NH 56 hay rake, 3 gravity bin wagons, IH 8' transport disc. 215-562-4464

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Ford 545 Backhoe Loader Repossessed
Ford 960 Tricycle
Ford 535 Tractor/Loader/Backhoe
(2) Ford 9N
Ford 8N
Case DC
Case 680 C Tractor/Loader
Ferguson 20
Massey Harris 44
JD 2510

EQUIPMENT
Crown Rock Picker, hydraulic drive
Ford QT 772 Loader
NH 479 Haybine
NH 469 Haybine
NH 78 Baler w/thrower
JD 1209 Mower Cond.
NI Wheel Rake
NH 516 sgl. btr. spreader
JD spreader
IH 155 spreader
IH 175 spreader
Lawn & Garden Tractors w/Mowers & Snow Blowers

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RD3 Tamaqua, PA
18252
Phone: 717-386-5945

FARM EQUIPMENT

Oliver #467 4/16 (SAR) semi-mount plow. JD 110 riding lawn and garden tractor, 38" mower. 300 gallon diesel fuel tank, no pump. 717-766-0615 after 8 p.m.

MF
SPERRY NEW HOLLAND

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NH 329 Spreader
$2750
Gehl 4300 Skid Loader w/2 buckets
$11,500
MF 129 Chisel Plow 10' Pull Type
$2,295
Moridge Grain Dryer 400 Bushel
$6,950

USED EQUIPMENT
Tractors
AC WD
MF 285

Tillage
JD 4B Plow
Case 5B Auto Reset Plow
MF 66 3B Plow
Pittsburgh 8' Disc
3 Section Drag Harrow
16' Drag Harrow

Hay Equipment
AC Forage Harvester
IHC Forage Harvester
(2) NH 717 Harvesters
NH #36 Crop Chopper
MF #35 Rake
Badger 14' Fg. Box

Combines
MF 300 Combine
NH 962 4 RW C.H.

Miscellaneous
NH Super 717 Harvester w/2 heads
Gehl 2600 Skid Loader
NH L35 Skid Loader
IH 13 Disc Drill
Ontario Disc Drill
NH 513 Manure Spreader

MARLIN SCHREFFLER
Pitman, PA
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FARM EQUIPMENT

JOHN DEERE

NEW EQUIPMENT
JD 650 Tractor
JD 750 Tractor
JD 950 Tractor
JD 1050 Tractor
JD 2040 Tractor
JD 714 Forage Boxes
JD 1075 Running Gears
JD 1207, 1209 Mower Conditioners
Hesston 1014 Hyd. Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc

USED EQUIPMENT
AC C & WC Tractors
Farmall H, MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Ford 8N Tractor
JD 494A Planter
IHC 315 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
NH 6' Cutter
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel

USED COMBINES
JD 95 w/platform
JD 434 corn hd.
AC C2 w/platform
AC 4R corn hd.
JD 45 w/platform
Plus other new and used equipment

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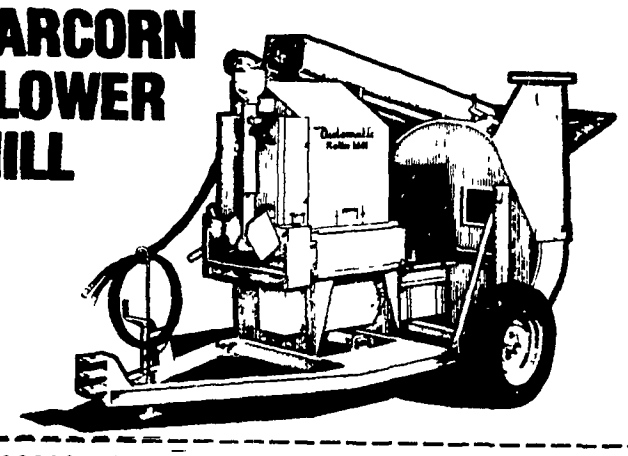

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1 - Rotary Scythe w/P.T.O.	$1000.00
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AC C
AC 7580 Cab and Air
AC 6060 2 Wheel Dr.
AC 5040
AC 5050
AC 7010 Cab and Air
JD 2640 w/loader
Ford 4500 w/loader
Case D 580 Loader
MF 202 wheel loader w/loader & Mower

BALERS
NH 268 w/thrower
NH 273 w/54A Thrower
NH 283 w/62 Thrower
NH 315 w/58 Thrower
NH 320 w/70 Thrower

COMBINES
NH TR 70 w/Flexhead 6 R Cornhead
NH 995 w/Grain Head & Corn Head
JD 105 w/444 C.H. and G.H.
JD 55 w/12' Grain Head
AC CII
AC F330 Corn Head

MANURE SPREADERS
(2) NH 365 Tank
NH 362 Tank
NI 224
NI 214
Hawk Bilt 207

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NH 880 w/2R W and 1R pickup
NH 717 w/1R head
NH 770 w/717 R2 and 1R pickup
NH 1880 SP Cat. Dsl. w/2 new style heads, 3Rn and Windrow pickup
JD 3960 w/2R head and Windrow pickup

MOWERS
NH 451 Sickle Bar
JD 25A Flail (2) NH 462 Disc

CORN PLANTERS
White 6R no-till air
IHC 8 R Cyclo
IHC 4R Cyclo
IHC 6 R No-Til
JD 1440 No-Til
AC 4R no-til w/gran. fert.
AC 6R no-til air w/gran. fert.
AC 4R no-til w/liquid fert.
AC 700 6 Row

MOWER CONDITIONERS
(2) NH 469
(2) NH 479
NH 490
NH 467
NH 495
NI 299 Mow/ditioner
(2) NI 279 cut/ditioner
NH 1495 D Hydro 12' S P
Hesston 620 windrower

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(2) NH 260 NI Bar
(2) NH 256 V Tandem Hitch
NH 258 IH 35

WAGONS
NH 1000 Bale
NH 1012 Bale
NH #8

SKID LOADERS
(2) (1) NH L 775 gas
NH L778 diesel
NH 445 w/Deutz Diesel

CORN PICKERS
NI 323 1 Row Picker
NI 324 Super Sheller
JD 237 Mtd. Corn Picker
NI 324 Corn Picker 2 Row

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120 16' forage box, roof, 10 ton running gear, new tires $5,050
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- IH Farmall 806 diesel, cab, dual rear tires, wide front, 3 pt. hitch $8,750
- IH 464, 3 pt. hitch, udal aux. valves, PS, used only 480 hours $6,500
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- Farmall 1086 cab, air, 450 hours, 20.8x38 tires $23,750
- Farmall 560 diesel

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- NH 880 harvester w/2 row corn head $3,750
- IH #16 harvester w/1 row corn head, clean $1,000
- JD #24T baler w/thrower $1,200
- IH 37 baler w/thrower $800
- IH 110 side mounted sickle bar mower $675
- Athens 11'6" disk harrow, disked 10 acres $2,150
- Walsh 550 gal. sprayer $1,500
- NH 40' elevator w/gas engine . $1,275
- IH #93 combine w/10' platform $3,000
- IH #71 flail mower $500
- IH #1300 sickle bar mower
- Cherokee snowblower $200
- McKee snowblower $500
- Gehl harvester w/2 heads $500
- IH #350 spring tooth harrow $300

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AC 7045 Tractor
AC 5040 Tractor
AC 185 Tractor
AC 170 Gas Tractor
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AC F440 Corn Head
Amco F17 10½' Disc Harrow, like new
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TW10, 110 HP, cab, radio heater & dual power, lease tractor $28,000

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Several Cub Lowboys w/5' mowers
New Ford 3610 diesel w/8x4 syn-chromess trans. $9,995
JD 60, 3 pt. hitch
New Ford 1900, 4 wh. dr., diesel,
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5600 Ford 150 hrs.
AC D10 w/loader good shape
Ford Jubilee engine complete overhaul
Ford 800, good shape, 3 pt. hitch
6 Ford 8N's to choose from
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Ford compact loader, CL40, 750X15 truck tires, $5,900
IH 550 overhauled motor
Ford 4610 8 speed transmission, front weights, roll bar
Gehl Skid loader model HL 3030 $2,500
New Ford CL 20 compact loader $7,495

EQUIPMENT

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Ford 1 row mounted corn picker $495
Brady portable hydra mixer, model 1050 $2,495
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New IH model 720 forage harvester w/corn & hay head $7,500
New Speedy corn crib, 1200 bu. $795
New Brady spreader model 141, 150 bu., special $2,495
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New Ford silo blower model 618
Ford chisel plow 131 10 shank $1,595
Used 350 Chief grain dryer $2,495
New post hole diggers w/auger $295
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Woods blade 6' 3 pt. hitch
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Myers snowplow, for truck, 10', complete $800
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TLB Ford #4500
Ford TLB 550 w/cab, heater, torque converter, $18,900
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AC 180 — IH 504
AC D19 — IH 300
AC 7030 — IH 450
AC 7040 — IH 340
AC 7050 — IH H
AC 7000
JD 2010 — JD B
JD 4010 — JD A
JD 70
Ford 4000 G
Ford 4000 D
Ferguson 65G
Ferguson 65D
Case 300 w/Loader
Case 800
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Used Kubota 245 FWD
Kubota 5100
Kubota 6100
Kubota 7100
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FARM EQUIPMENT

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3088
3288
584 R/C
384
254 w/loader
284 Diesel, 4 wheel drive

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720 automatic 5x18 btm. plow
510 5x18
420 3x16
350 10 ft. 3"

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SPECIAL
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Oliver 1850
Oliver 5 Btm auto reset plow
Bush Hog 12' Disc Harrow
NH Bale Elevator
(2) White 5400 4R Planters
Noble 25' Field Cultivator
NI 402 Rake
Ford 2R 309 Planter
Ford 501 Rr Mower
White 8700 Combine Dsl Hydro, air
White 8600 Combine, dsl hydro, air
NH 320 Baler
1068 Haybuster no till drill (demo)
Fox 728 2R Corn Head
Moridge 275 Dryer

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Dion 60" forage blower, good cond. $1385
Artsway 154-54" forage blower, NEW $1600
N.I. forage blower, model 620, 54" fan, good cond. $875.
NH model 469 mowditioner, $2,560 good cond.
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NI #323 1 row picker, like new, 90 acres, $4,300
IH #580 manure spreader, hyd. endgate, Gratz chains, good cond. $3,600

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11 ft - 11 tooth 3 pt 3 Bar 32" shank Brillion Chisel Plow	$2225 00	$ 3.00	$1886.00
STC - 16 Folding Wing 16 ft Transport Brillion Field Harrow	$2595.00	$ 3.00	$2256.00
SFH - 113B Glenco 11' 3" Soil Finisher	$7100.00	$ 9.00	$6083.00
New Idea 402 5 bar rake w/rubber flex teeth and caster wheel	$2150 00	$ 3.00	$1811.00
SL4600 Gehl Skid Steer Loader 44 HP Diesel, Water cooled, w/60" manure fork, w/60" material bucket	$16,675 00	$22.00	$14,189.00
80" 6 ft 7" Pull Tye Drill w/acre meter, double disc openers, demonstrator	$7100 00	$10.00	$5070.00

USED EQUIPMENT

9 ft Brillion Pulvimulcher	$ 425 00	$ 1.00	$312.00
10 ft Power Harrow Roteria 3 pt	$1995 00	$ 3.00	$1656.00
10 ft 10 tooth 3 bar Bush Hog Chisel Plow w/guage wheel	$1595 00	$ 2.00	$1369.00
729A Uni Sheller	$3750 00	$ 5.00	$3185.00

USED EQUIPMENT

IH #37 Transport Disc, new blades
JD 400 Grinder Mixer
Gehl 95 Mixer
Gehl 120 Mixer
Gehl 115 Mixer
#323 NI 1 Row Corn Picker
#310 NI Corn Picker
NI 2R Wide Corn Picker
Oliver #83 2R Wide Corn Picker
Wood Bros. 1 Row Picker
NI #7 Corn Picker
(2) Mtd. Corn Pickers w/12 roll bed
Gehl TR 3038 2RN Corn Head, (1 yr. old)
NI #213-215 3 btr. Spreader
NH 512 Spreader w/Hydraulic Gate
Bush Hog #207R 7' Pull Type Rotary Chopper
MC Direct Trail Flail Chopper
NH 6' Flail Chopper
AC Model A 12' Combine

For Rent
Glenco 7 Tooth Soil Saver
NI Round Baler

Used Uni Equipment

701 Uni Tractor w/Cab, 720 Corn Head & 726 Husking Bed. 713S Flex Grain Platform, (2) 725 3RN Corn Heads, (1) 724 3RW Corn Head.

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Kilbro Gravity Boxes in Stock

HESSTON #1580 Tractor (130 h.p.) w/cab
HESSTON #980 4 Wheel Tractor (90 h.p.) w/cab
HESSTON 7600 SP Forage Harvester
HESSTON 6550 Diesel SP 12' Windrower
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1978 Gleaner FKS2 w/Cab and Air Cond., 13' Grain Platform, Pickup Reel, Harvested Less Than 500 Acres.
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JD 45 Square Back w/Cab & Grain Platform & 2 Row C.H.
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MF 510 Dsl. w/cab, Very Good, Choice of Heads
MF 35 w/8 ft. platform, Sharp.
IH 82 Pull Type w/ PU Reel
JD 3300 Cab, Very Good, 650 Hrs. Choice of Heads
Ford 620 w/Grain Platform, Pickup Reel, Used Very Little
GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

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JD 4020 Dsl. side console, cab and air
JD 4020 D WF & Power Shift
JD 4010 Dsl., Very Good
JD 3020 D WF, Very Good.
JD 3020 Dsl. WF Side Console, Very Good
JD 2940 900 hrs. Like New
JD 2640 Dsl. Fully Equipped
JD 2520 Dsl. WFE
JD 2[SOLD]sl. w/48 Loader
IHC 1[SOLD]ab and Air
IH 1466 Dsl. WF Black Stripe1485 Hrs., Cab Air Cond. 20.8x38 Tires, Dual PTO, Sharp!
IH 1456 Dsl. WF, 20:38 Rubber, Very Nice
IH 1206 Dsl. w/Cab
IH 1[SOLD]Cab, Very Nice
IH 766 D WF, Cab
IH 656 Dsl. Hydro
Oliver 1850 Dsl. WF
Oliver 1855 Dsl. w/Cab
Ford 4000 8 Speed
Case 1070 Dsl. Cab and Air 930 Hrs.
Case 730 Gas WF
AC 180D, WFE
AC 200 Dsl. WF & Cab
AC 220 Dsl. WF & Cab
AC 7000 Diesel w/Cab & Air

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JD F145 4 & 5x16
IH 550 5x16 & 5x16 Slat Btm., Like New
JD 1450 5x16, 4x18, 5x18
IH 720 Toggle 5x20, Like New
IH 710 6x16 on Land Hitch
JD 825 3B Roll-over

PLOWS -AUTOMATIC

IH 710 & 720 5x16 SP Reset
IH 710 6x16 SP Reset
Oliver 6x16
JD 2500 6x18 SP Reset
JD 2500 5x18 on Land Hitch
IH 710 7x18 on Land Hitch SP Reset
IH 700 6x16 SP Reset
IH 6 Base 735 Variable Width SP Reset
JD 345 4x16

BALERS

JD 346 Twine w/Thrower
NH 278 w/Thrower, Like New
IH 2400 Round Baler, Like New
JD 336 Twine, Like New
JD 336 Wire

CORN HEADS

MF 24, 44
AC F430, C#430.
AC KF330
JD 453 & 454 Row Crop Hds.
JD 243, 244, 343, 443, 444, 643
IHC 843

CORN PLANTERS

JD 7000 Consv. 6R dry fert., auger fill, insect., pop. mon.
JD 7000 min-till 6 R dry Fert., insect., monitor
JD 1240 4R plate and plateless, insect, runner and disc opener
JD 1250 6R plateless, insect. w/wo fert.
IH 56 4R dry fert., insect., excellent
JD 7000 consv. 4R, dry fert., monitor, insect.
JD 7000 4R wide & narrow, dry and liquid fert., insect., and monitor.
IH 400 4R hyd. drive, dry fert., insect.
JD 246 2R w/insect.
JD 1440 4R no-till plateless, liquid or dry fert. and insect.

DISCS

AC 16' Wing Fold
JD 11'2" & 14' AW Disc
JD BWA 12'6"
JD 18' BW Wing Fold
Sunflower 13' Hyd. center fold, very good
JD 11' RWA Transport
JD BWF 16' to 19' wing Rock-Flex
IH 350 12'

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IHC 760 12' Offset, excellent
JD 1630 12' very good cond.
JD 4000 Double Offset 12' 8"
Bush Hog 1437 Plowing Disc 11' 4"

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Hesston PT7 Mower Condition
IH 510 Grain Drill w/Fert. & Grass Attch. 16x7 Very Nice
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IH Field Cultivator 12'
NH 488 Haybine, like new
NH 479 Haybines
NH 6 Ton Wagon Gears w/Adj. Hitch $575 1 Only
JD 146 Loader, Indep. Control Valves
JD 894 Rake, Rubber Mtd. Teeth
IH 18.38 Rr. Axle Duals
Grim Super 16 Hay Tedder
Neimeyer Power Harrow
Cabs for JD Tractors 3010 thru 4320
JD 12' Roller Harrow
JD 300 Husker w/2 or 3R Head, Very Good
NI 319 2 Row Mtd. w/12 Roll Husking Bed
Gehl 72 Flail Chopper, Very Good
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Field Cultivator, Hydraulic Fold 18 ft.
NI Pickup Sheller 2 Row Wide and Harrow

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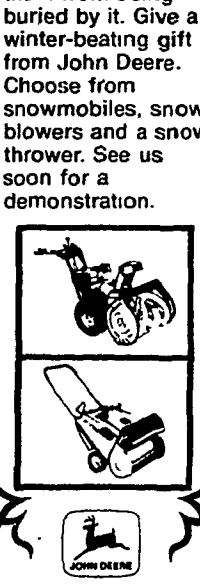


BUY EARLY AND SAVE $$$

Buy a new John Deere snow blower now and you won't make a monthly payment until spring.*

If you buy a new 8- or 10-hp walk-behind John Deere snow blower before December 31, 1982, with a normal down payment, you won't have any monthly payments to make until April 1, 1983. And to save you money there are no finance charges until March 1, 1983. So you can buy a new John Deere snow blower before the snow falls and pay for it after the snow melts.

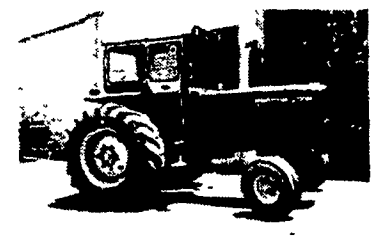
*Subject to credit approval for John Deere financing.

SAVE $100

3-hp Snow Thrower
just
$199.50
(recoil start, sugg. list $299.50)

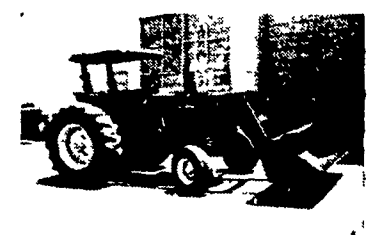
We don't like to be prophets of doom, but meteorologists predict 1982-83 to be one of the coldest, most severe winters on record. So take advantage of the tremendous savings available on these 3-hp snow throwers. Each has a heavy-duty engine, cuts a 20-inch path. Immediate delivery available.

NEW TERMS NOW ON USED TRACTORS - AVAILABLE FOR FINANCING WITH WAIVER OF FINANCE CHARGES TO JUNE 1, 1983.



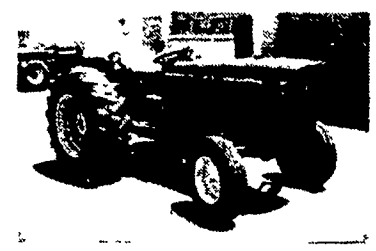
JD 1972 4620 DIESEL
w/power shift, cab, heater, radio

WAS ~~$18,500~~ — REDUCED TO $17,500



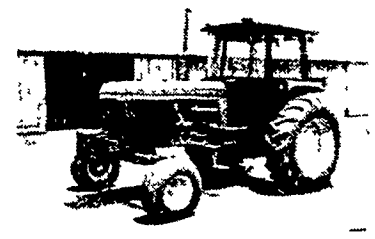
JD 2640 HU DIESEL
w/roll guard, canopy and 146 loader w/84" bucket

WAS ~~$17,900~~ — REDUCED TO $16,500



JD 1974 2630 DIESEL

WAS ~~$11,000~~ — REDUCED TO $10,200



JD 1972 4230 DIESEL
quad/sound body

WAS ~~$17,500~~ — REDUCED TO $16,900

JOHN DEERE 1963 3010 DIESEL

WAS ~~$5850~~ — REDUCED TO $4950

JD 2240 RU W/Hi-Lo, 700 Hrs.
JD 4030 SYR Range, 4 Post RG w/Can. FRWT.
JD 4240, QR w/SG H&A
AC 5050 Dsl. w/Loader

MF 65 dsl.
JD 4020 PS WFE
Farmall "M"
JD M w/Loader
JD 4010 Dsl. WFE
JD 2940 MFWD, 300 Hrs.

NEW EQUIPMENT SPECIALS

JD 2440 RU 28" whls. Hi/Lo
JD 4240 PS w/sound body
JD 4240 wuad w/sound body
"40" Series close out specials. New Customer cash rebates and finance waiver until June 1, 1983 or cash in lieu of waiver.
JD 327 Baler w/#30 ejector
JD 337 Baler w/#30 ejector, JD waiver to May 1, 1983
JD 7000 4&6 row planters
JD money bonus & waiver to April 1, 1983
JD 6620 side hill combine w/215 flex platform w/643 corn head
JD 125 Dsl. skid steer loader
JD 90 skid steer loader
JD 6500 forage blower
JD 465 flail spreader
NI 325 2RN picker
NI 323 1-row picker
NI 272 7' cut/ditioner

1978 MODEL
550 MF Combine
Hyrastatic, 43-4RN
Corn Head, 13 Ft. Platform
800 Hrs., Excellent
Waiver until 9-1-83

CHECK THESE SPECIALS
CALL RIGHT AFTER 7 A.M.
For Information & Price

SPECIAL TERMS NOW BEING OFFERED

WITH DOWN PAYMENT BALANCE CAN BE EXTENDED TO MARCH 1, 1983

206 New Idea Spreader Available
With or Without Steel Wheels
With or Without Endgate Att.

Used Tillage Equipment

JD 350 6B p/reset plow
JD 350 4B p/reset plow
JD 810 2B 3-pt plow
Ford 2B 3-pt plow
AC 4B 3 pt. plow
JD 235 19'11" wingfold disc harrow
JD Kilhefer 20bl offset
JD AW 15'2" disk harrow 44 bl
JD 12' spring harrow
Dunham 12' roller harrow
Brillion 9' cultipacker
Brillion 14' triple gang packer

Used Planting Equipment

Like New! JD 8350 fert. grain drill 23x7 w/gsa.
JD FB17B single disk grain drill
IHC 16x7 drill
Ontario 16 disk drill w/GSA
JD 7000 6R Corn planter w/fert.
JD 7000 4RN planter w/fert.
JD 7000 4RW planter w/fert.
JD 1240 4R PLATE TYPE planter
JD 1240 4R plateless
JD 1250 6RN plateless
JD 1440 4R no till w/80 units
AC 500 4R planter w/fert.

Used New Idea Uni-Equip.

705 Dsl. power unit w/cab and 767 Super Chopper w/3 RW RC
702 dsl. power unit w/cab
760 chopper w/2RW RC
769 flail mate
762 2R 38" RC
766 Hay Pick-up

Used Forage Equipment

JD 3800 Harvester w/electric controls w/sharpener
JD 8' mower bar attachment
JD 35 Harvester w/2 RW RC
JD 5400 SP harvester

Used Manure Hndl Equipment

Farm Hand loader
JD 46A loader
NI 206 gr dr spreader
NH 365 tank spreader
NI 213/217 single beater spreader
NI 214/215 flail spreader
NI 218 8½T tandem ax spreader
NI 224 10T tandem ax spreader

Used Combines & Corn Heads

MH 82 12' S-P
JD 7700 dsl w/14' platform
JD 444 4RW corn head
JD 244 w/adapt. plate for harvester

Used Corn Pickers

NI 325/327 2RN picker
NI 323 - 1R

Miscellaneous Equipment

JD 125 chuck wagon
JD 16A chopper
JD tool bar w/5 teeth
JD 32B sprayer 20' boom
WALSH sprayer 27' boom
JD 507 7½' PT gyramor
King Kutter 6' 3-pt cutter
Ford 7' flail mower 3-pt
Hesston 10' mower cond.
IH C185 cub lo-boy w/mower and sweeper
McCurdy bin wagon

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FARM EQUIPMENT

NH 363 TANK SPREADER
2 YEARS OLD
$2,250
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ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS.

WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION.

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PUMPS
IRRIGATION - WASTE WATER - MANURE - INDUSTRIAL
New - Used
Diesel, PTO, Electric, Gasoline
REYNOLDS ALUMINUM PIPE
Irrigation, Repairs & Gaskets for:
RACE, WOSCO, WADE, IRRECO, CHAMPION, SHUR-RANE, McDOWELL, A-M AND OTHERS
SPRINKLERS: Rainbird, Skinner & Buckner
Good rebuilt GORMAN-RUPP PTO pump, also used Hale, CMC, Marlow, Peerless-Electric
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Vicon

VERMEER EQUIPMENT
2-new 605H bales SOLD
3-used 504F balers
1-used 605F baler
1-demo 504 Super G
2-new R23B twin rakes (Special)
1-8' heavy duty blade
1-7'6" disc mower-conditioner
2-F100 bale feeders and trailer
1-#340 irrigation traveler and dual hose reel

TRACTORS & SKID LOADERS
1-new Agri Power 9000, 113 hp, $16,700
1-new Agri Power 4000, 48 hp, $7000
1-new Lahman 30 hp, 2 buckets, $10,000

VICON EQUIPMENT
2-8 wheel V rakes, new and used
2-6 wheel rakes, new and used
2-5 wheel rakes, new
1-2400 lb. spreader
3-1900 lb. spreaders
2-1400 lb. spreaders
2-1100 lb. spreaders
2-600 lb. spreaders
2-8' disc mower, new and demo
2-8' mower-cond., new and demo
1 ea.-10' and 15' power harrows
1-RP 1200 round baler, demo
1-RP 1500 round baler, demo

MISC. EQUIPMENT
2-Sunmaster 60" rotary mowers, new
2-36" log splitters
1-Woods 10' rotary mower, used
1-Hesston 10' hydro swing, used
Zimmerman Wagons

See Us About Outstanding Deals on New Equipment

Used Equipment Specials

JD 227 2 row mtd. picker (very good cond.)	$400
IH 863 6x30 corn head	$6,950

New Equipment Specials

Gehl 360 skid steer loader w/2 buckets	$5,750

Used Equipment

1086 tractor w/cab & air (1400 hrs.)	$21,500
656 gas gear drive tractor, wfe, 3 pt. hitch	$5,850
460 diesel w/2001 loader & hyd. bucket	$3,500
Farmall Cub w/plow and cult., 1974	$3,975
Farmall Cub Lo-Boy w/Woods mower	$2,350
2 Cub Cadets, model 149 w/mower	$1,795 ea.
102 Cub Cadet w/mower	$895
124 Cub Cadet w/mower	$1,295
IH 76 lawn tractor (new engine)	$895
JD 110 garden tractor w/mower	$875
Cultivator for Farmall Cub	$400
Fast hitch for Cub	$150
1 pt. rear blade (home made)	$75
Front blade for Cub	$195
710 auto. rest plow 5x16	$3,850
550 5x14" plow	$850
IH 540 plow w/coulters & cover boards	$1,275
MF 3x14 3 pt. mtd. plow	$395
#45 vibra shank cult., 26½' w/mulcher attachment	$3,500
JD 12' mtd. vibra shank cult.	$1,295
IH #10 single disc, 18x7 drill	$1,975
IH 400 4 row planter w/insect.	$2,795
IH 400 4 row planter w/insect.	$2,450
IH 56 4 row planter w/insect.	$1,750
IH 455 4 row planter w/insect.	$1,450
IH 453 cult. 4 row rear mtd.	$850
IH 200 rear mtd. 2 row cult. (new)	$775
IH 93 combine, 10' platform w/pickup reel (nice)	$4,800
IH 430 baler w/thrower	$2,695
MF #10 baler w/thrower	$1,200
AC 303 baler w/thrower	$995
NH 67 baler w/thrower (motor on thrower)	$795
IH 7' 3 pt. Pitman mower	$475
Fox blower (as is)	$575
1190 mower-conditioner	$4,150
Hesston PT-12 pull-type windrow	$1,025
Fox pick-up head for forage harvester (as is)	$225
Kewanee 8' 3 pt. blade	$495
IH 35 spreader, nice	$850
IH 560 spreader w/upper beater & hyd. endgate (repossession)	$3,900

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TRUCKLOAD SALE — KNIGHT SPREADERS

You'll Never Regret Moving Up To Quality

350 Souper Solid

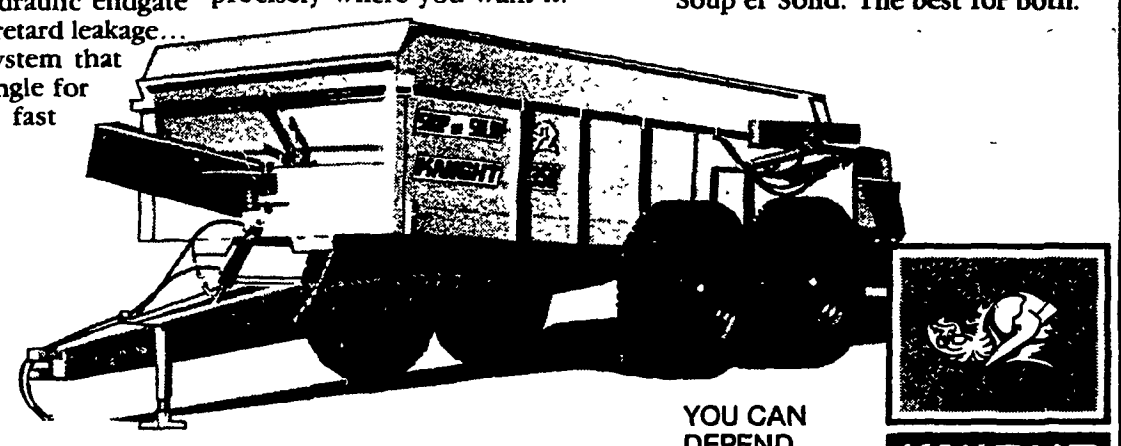
The Versatile Knight Spreader

If you handle sloppy manure, you can fully appreciate the *Knight 350 Soup er Solid.*

The 350 Soup er Solid has specially flared top steel rails to help prevent spillage during transport...flexible seals around the hydraulic endgate and apron return to retard leakage... and an ingenious system that tilts the box to an angle for fast unloading and fast clean out of sloppy material. The hydraulic endgate (raised to as little as 3 inches) can be used to meter the flow of sloppy material while the lower spinner beater efficiently spreads the sloppy manure . . . precisely where you want it.

The same design features that go into our other spreaders make the 350 Soup er Solid Spreader the *perfect spreader for handling solids too.*

If you buy only one manure spreader, make it the Knight 350 Soup er Solid. The best for both.



YOU CAN DEPEND ON A KNIGHT

KNIGHT

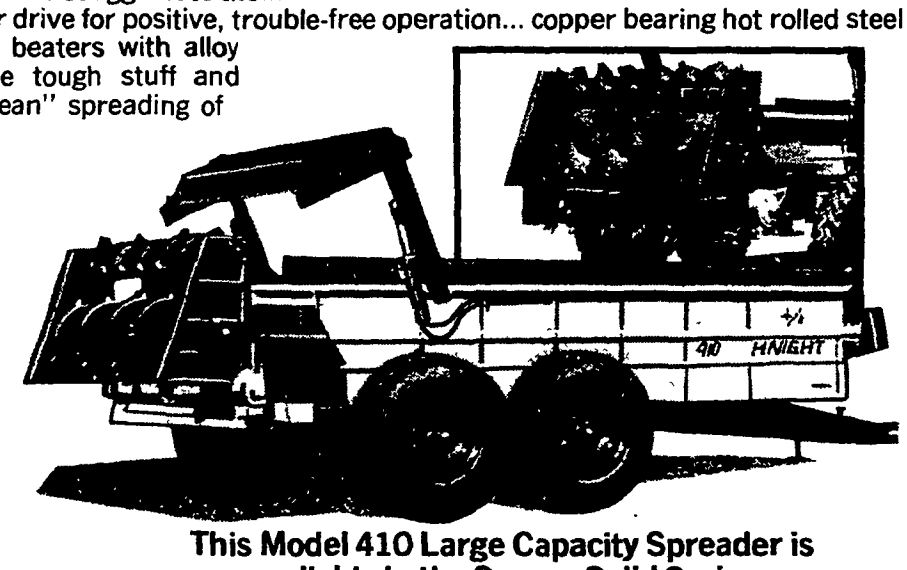
RUGGED • EFFICIENT • DEPENDABLE

Designed, built and serviced by people with many years of hands-on farm experience, Knight Spreaders are made to solve your spreading problems...not aggravate them.

Features like our rugged worm gear drive for positive, trouble-free operation... copper bearing hot rolled steel box for corrosion resistance...auger beaters with alloy steel "ripper" teeth to handle the tough stuff and optional hydro-fluid end-gate for "clean" spreading of sloppy manure... are just a few of the reasons why Knight Spreaders are the choice of successful dairymen and feeders. And for those operations requiring a self-propelled unit, large capacity Knight Spreaders can also be truck mounted.

Available in models with Bushel Capacities of 180, 250, 335, 400, 500 and 600.

Note special LOWER SPINNER BEATER for fine spreading! Rear beater projection shown.



This Model 410 Large Capacity Spreader is available in the Souper Solid Series

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543
PH: (717) 626-4705
Hours: Daily 7 A.M. to 5 P.M.; Sat. 7 A.M. to 11:30 A.M.

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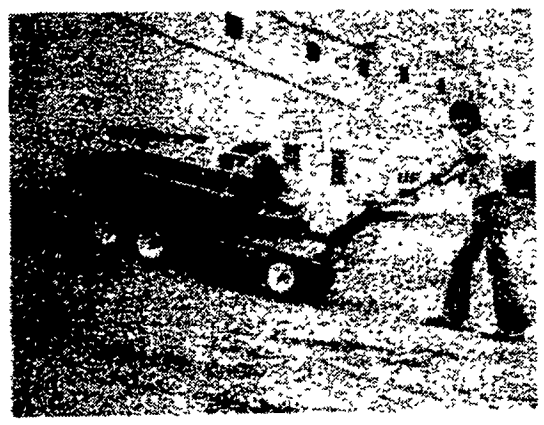
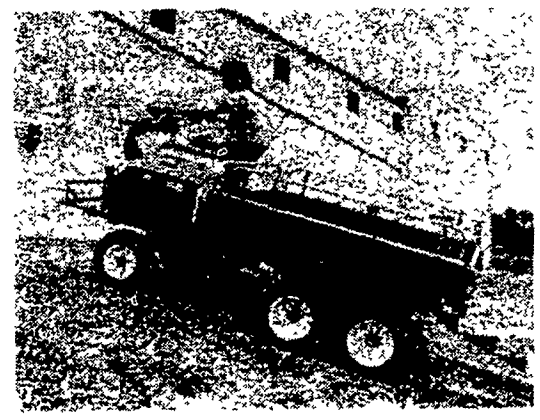
Leading or following . . .
WU puts you out front!





This versatile vehicle can be maneuvered equally well whether sitting down to steer or walking after or before it. Steep grades or hard pulls are handled with ease with the 4 wheel drive. Two gallons of fuel per 8 hour working day will make it one of the most efficient vehicles on your farm. Hydraulic dump bed comes as standard equipment.

For additional information contact

WU Agricultural Power Equip. Inc.
Dept. LF
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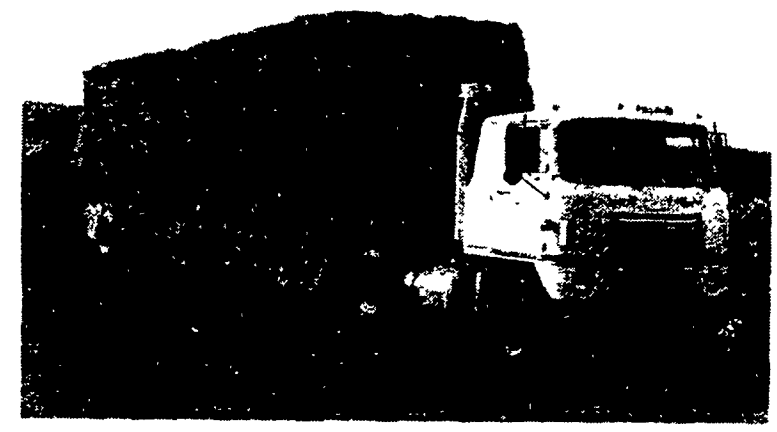
Phone 215-536-0660

HAY HAULING TRACTOR TRAILER
$8500



International single axle, sleeper cab, 238 Det eng., 10 spd. trans; trailer specially built to haul hay; equip. in excellent condition.

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eves. please

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Trade Up Now
Dec. 1st will be TOO LATE for this offer.
ENDS NOV. 30th

case®

4 WHEEL POWER IS EXCITING

Sound suppressed cab is roomy comfortable clean quiet (76.5 dB(A) at 75%* of pull at maximum power for 10 hours official test)

2090 has 108 PTO hp (80 kW) 2290 has 129 PTO hp (96 kW) official tests

Power differential lock directs power to both rear drive wheels

(MFD) with limited slip differentials 4 wheels pulling — fuel saving weather beating productivity

Time saving 12 speed range power shift

Built for work

Built to last

Plus, It's More Exciting When You Get...
9½ Ton Of Pulling Power At A Price Like This!

Book Price	$55,600
FREE CAB DEDUCTION	-4,540
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SPECIAL DEALER REBATE	-12,260
	$38,800

Plus No Interest Till Nov. 1, 1983!

One Only... Serial #0991935*
Offer ends Nov. 30, 1982

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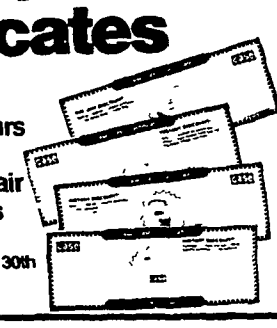

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PARTS $PECIAL Preferred Customer

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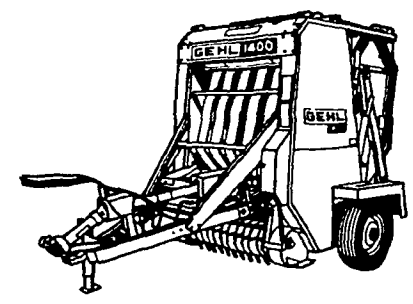
- Batteries
- Bucket Teeth and Cutting Edges
- Tillage Tool Part
- Service Shop Installed Parts
- Plus other Maintenance and Accessory Parts

NOW THRU NOVEMBER 30th

In Stock:
CORN FODDER BALERS
Make Compact, Portable Bales



The Gehl 1400 round baler gives you well-formed, easily portable 800-pound bales the perfect partner for your feeding system! Gehl's patented A-frame drawbar and top-mounted shuttle let you watch the bale as it forms. Featuring five wide upper belts and Gehl's insta-roll bale starting chamber, you'll want to see the 1400 baler in action!

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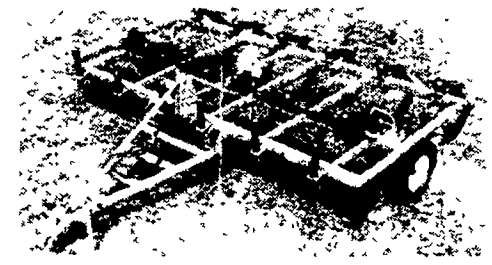

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Soil Saver

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All Pull Type Machines In Stock With Hoses To Tractors, Set Up And Ready To Go

NEW CASE CHISEL PLOWS VALUED OVER $1,000 ARE ELIGIBLE FOR INTEREST FREE FINANCING TO MARCH 1, 1983

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Quality In A Small Package
180 Bushel Capacity

1 Only **$3205**

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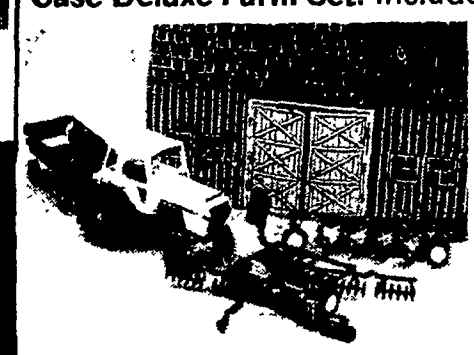
Case Deluxe Farm Set. Includes the 11" die cast metal Case Tractor 2390 to pull four-bottom plow, tandem disc, and steel flare box wagon with opening tailgate. Package sets up to become a little red barn.



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Case 570 w/Loader
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Case 930
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Universal (Low Price)
Bobcat 632
Gehl 4400
Case 1737
Case 1816 "C"

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Hawk Bilt 357
NH 675

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USED GEHL 120 Mixmill
USED GEHL 115 Mixmill

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(3) Gehl CB600's
Gehl CB700
Gehl CB1200 3-Row Narrow Hd. & Hay Pickup
Hesston 2000
Fox 546
Gehl CT300
JD 3800 Harvester

USED WINDROWERS
Hesston 1014
(2) Case 555's
PT10
Owatonna 275 SP Windrower, 12' Head
Owatonna 230 Windrower

USED BLOWERS
IH 56 — NH 27
Fox Blower — Gehl 99

USED PLOWS
Ford 5-Bot. Semi Mtd. Plow
Case 4-Bot. Mtd. Plow
Case 3-Bot. Trailer Plow

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All Hay Equipment Free Finance until 6/1/83

FORAGE
SNH #892 Forage Harvester w/#822 corn head and 880W windrow pickup. $12,500
SNH #718 Forage Harvester w/#822 corn head $8,000
SNH #25 Blower $1,600

HAY
SNH #451 Mower w/7' Cutter Bar. $1,860
SNH #472 Haybine $5,875
MF #124 Baler $5,000
SNH #80 Bale Handler 375

SPREADERS
SNH 679 Spreader w/splash guard, fine manure pan and hyd. end gate $4,700
SNH 791 Spreader w/splash guard, hyd. end gate and fine manure pan $7,500
SNH #301 Liquid Spreader, 540 Drive w/soil ejector & coulters $10,500

Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships recognize the value put into genuine Sperry New Holland parts and service. This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

215-869-2214 or 215-869-9440

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Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

GUARANTEED QUALITY USED TRACTORS

IH 986 1979 model, cab & air, red seat, digital read out, stereo, 1127 hrs., very sharp
IH 1466 red cab and air, new TA
IH 856 D, 1971 model, wide front, 3 pt hitch, 38" rubber, low hr. tractor, clean
IH 1456 w/20 8x38 rubber, good tractor
JD 4020 gas with wfe
IH 1206 turbo diesel, fully equipped
AC 200 w/yr. round cab, dual PTO & hydraulics 18.4-38 rubber, 1700 hrs , sharp, local tractor
JD 5020 with factory duals, diff lock, dual hydraulics. Real nice tractor
IH 574 diesel, 700 hrs., w/2250 Mount-o matic loader w/quick-tach buckets, exc cond local tractor
IH 1456 D, fully equipped w/cab, good solid tractor original paint, very sharp SOLD
JD 2840 D fully equipped, very sharp
JD 4320 w/factory cab, 38" rubber fully equipped
IH 966 fully equipped w/year round cab
IH 856D w/cab, fully equipped
JD 4010 Diesel, wide front
JD 4020 Diesel, power shift, 38" rubber, clean
Farmall MTA
IH 706 gas w/3 pt. hitch
MF 85 Diesel, good rubber
JD 620 gas tractor

FALL CORN EQUIPMENT

MF 510 Diesel hydro cab & air, 4 rw narrow, 13' grain head, w/floating cutter bar, local machine SOLD
IH 715 hydro w/4 row narrow and 13' grain head
IH 403 combine w/cab, 3R wide 13 grain head, $3750
JD 40 combine, square back, needs work
NI 702 power unit w/heavy rear axle
NI 323 1 rw picker, has done very little work
NI 760 chopper w/hay pick up and 2 row wide head

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AVCO NEW IDEA

NEW ALLIS-CHALMERS EQUIPMENT—

5050 Diesel Tractor	$13,900
6080 Diesel Tractor	$23,500
8010 Diesel Tractor & Cab, P.S.	$37,950
8030 Diesel Tractor & Cab, P.S.	$42,450
FKS-2 Combine, 13 ft. Grain, 4-row Corn	$62,800
MKS-2 Combine, 13 ft. Grain, 6-row Corn	$72,445
N-5 Rotary, 6-row Corn	$98,000
333 No-Til 4-row Plate Type, Fert., Insect.	$7,400
770 4-row Air Planter, Fert., Insect.	$3,900
333 No-til 4-row Air Planter, Fert., Insect.	$7,900
600 No-til Plate type Planter, Fert., Insect.	$5,995
333 No-til 6-row Air Planter, Fert., Insect.	$10,990

NEW "NEW IDEA" EQUIPMENT—

323 1 row Corn Picker	$5,900
324/327 2 row wide, with 12 roll Husker	$9,500
279 Cut ditioner	$4,900
213-2 Manure Spreader	$3,895
214-D Manure Spreader, w/Endgate	$4,435
244-D Manure Spreader, w/Endgate	$7,225
106 Fertilizer Spreader	$495
621 Forage Blower	$1,320
802 Uni System Power Unit FWD	$49,900

OTHER NEW EQUIPMENT—

Hesston 1090 Mower Conditioner	$4,950
GT 370 Grain Dryer	$6,750
GT 580 Grain Dryer	$12,500
Brillion M148 Pulvimulcher	$3,700
Brillion M124 Pulvimulcher	$3,395
Brillion 16 ft STS Fold-up Harrow	$1,600
Brillion 8 ft. 9 in Soil Builder	$4,300
Badger 3-beater, Forage Box, 10-ton Gear	$5,700
Moore 10 ft No-til Drill	$9,500

PROGRAMS AVAILABLE ON MOST NEW EQUIPMENT:
1) Cash Rebates
2) Low Rate financing ranging from 4.9% to 13.9%
3) Lease Plans
4) Waiver of Finance

USED EQUIPMENT—

John Deere 7700 Combine (74') 6-row Corn, 15 FCB	$27,500
A.C. MKS-2 Combine (77') 6-row Corn, 13 ft. Grain	$27,500
M.F. 510 Combine (74') 6-row Corn, 13 ft. Grain	$17,500
A.C KKS Combine (71') 238 Corn, 10 ft. Grain	$11,500
A.C. LM 15 ft. Grain Header, 15 ft. Hume.	$1,900
A.C. E Combine, 10 ft. Grain, 238 Corn	$4,900
I.H. 303 2-row Corn, 13 ft. Grain	$2,500
N.I. 702 Power Unit	$8,500
M.M L Uni-Combine, 8½ ft. Grain	$1,600
A.C. 7000 Tractor & Cab, 1978, 2100 hrs	$15,900
A.C. 185 Diesel Tractor, 1974, 2100 hrs.	$10,600
A.C. 175 Diesel Tractor, 1977	$7,900
A.C. 175 Diesel Tractor, 1974	$7,500
A.C. 5050 FWD Tractor	$13,400
I.H. 574 Gas Tractor	$4,900
A.C. D-19 Gas Tractor	$3,700
A.C. D-14 Gas Tractor	$1,800
A.C. WD Gas Tractor	$995
Case 1370 Diesel with Duals 1972 Model	$12,000
Gehl 360 Skid Loader	$3,900
John Deere 3800 Forage Harvester (3 heads)	$3,000
1978 Gehl #1200 Forage Harvester w/2 Row Corn and Pickup Header	$6,800
N.I 177 31 ft. Elevator with Gas Engine	$2,400
A.C. 600 No-til 4-row Planter (as is)	$1,900
N.I. 290 Cut-Ditioner	$1,900
MF. 44 Corn Header (410)	$1,800
Sunflower 14 ft. Center-fold Disc	$3,500
N.I 323 1-row Picker/Husker	$4,900
N.I. 325-327 2 Row Narrow w/12 roll Husker	$4900
Mayrath 8"x55' Auger PTO	$1,800
I.H. #16 Forage Harvester, 2 heads	$475
I.H. 400 Cycle Planter, 6-row	$3,400
A.C. 2313 Disc Harrow, 13 ft. Recond	$2,800

PROGRAMS AVAILABLE ON "USED" TRACTORS:
1) Waiver of Finance to 3/1/83 or
2) Financing from 9.9% to 13.9%

PROGRAMS AVAILABLE ON "USED" COMBINES:
1) Waiver of Finance to 5/1/83 or
2) Financing from 9.9% to 13.9%

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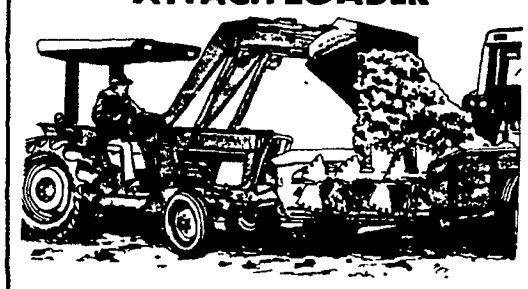

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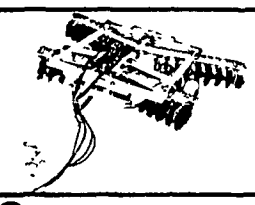
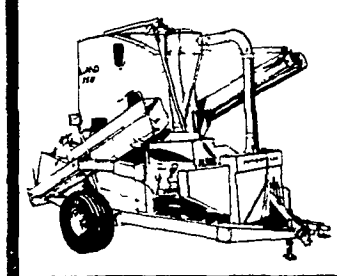


NH MODEL 358:
The Feed Processor



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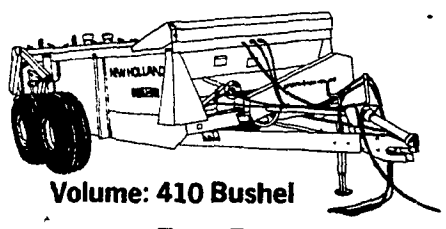

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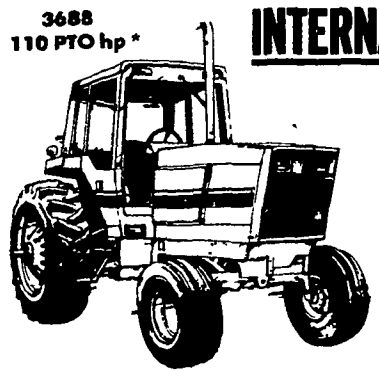

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NH 67 Baler
NH 65 Baler
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NH 489 Haybine, Excellent Cond.
NH 53 Thrower to Fit 273, 275 Baler

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IH 56 4R Disc Openers

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JD 350 5/16 reset plow w/cushion coulters. . . $3100
JD 145 5/16 Plow. $1000
JD 220 Center Fold 18'6" Disk, Cushion Gang Attach. $4950

FORAGE:
JD 3800 Long Tongue for parts $1100
Gehl Chop-All 2R and Pickup $1200
Gehl Chop-All 1R and Pickup $1000
Fox FA w/1 Row Pickup DC $600
IH Pickup Head for 650 Harvester $500
Fox Sp w/2R Narrow Snapper Head 2R Narrow Corn Head & Pickup $9200

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IH 1290 Mow. Cond. 12'. . $2100
IHC 990 Mowr Cond. $1085
NH 268 Baler w/thrower . $1385

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JD 400 Grinder-Mixer . . . $2600
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IH 16x7 Drill. $1285
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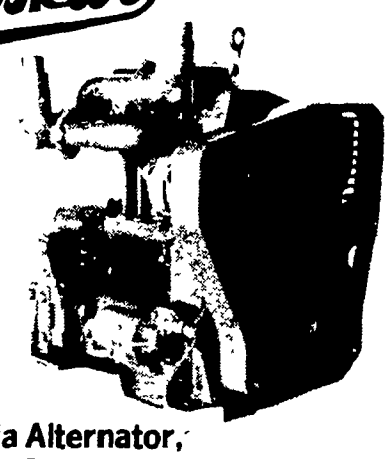

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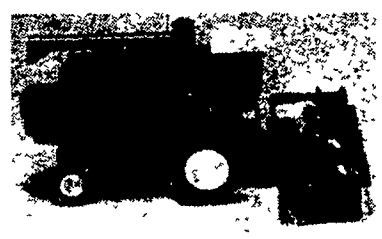
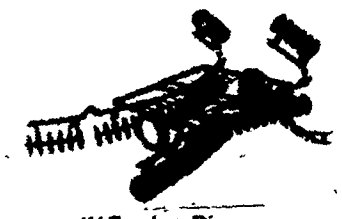
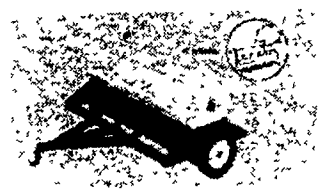


Axial-Flow Combine



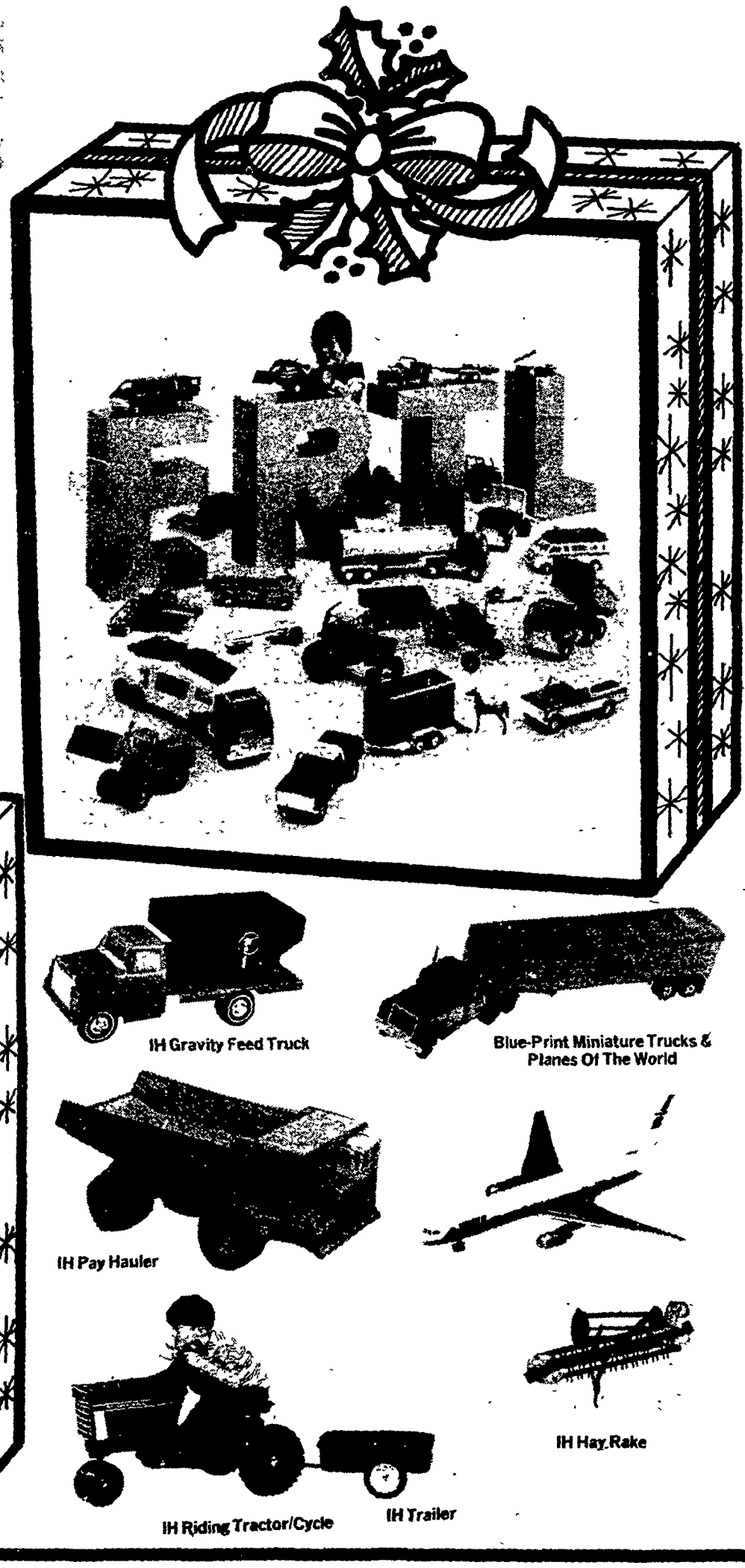
IH Tandem Disc

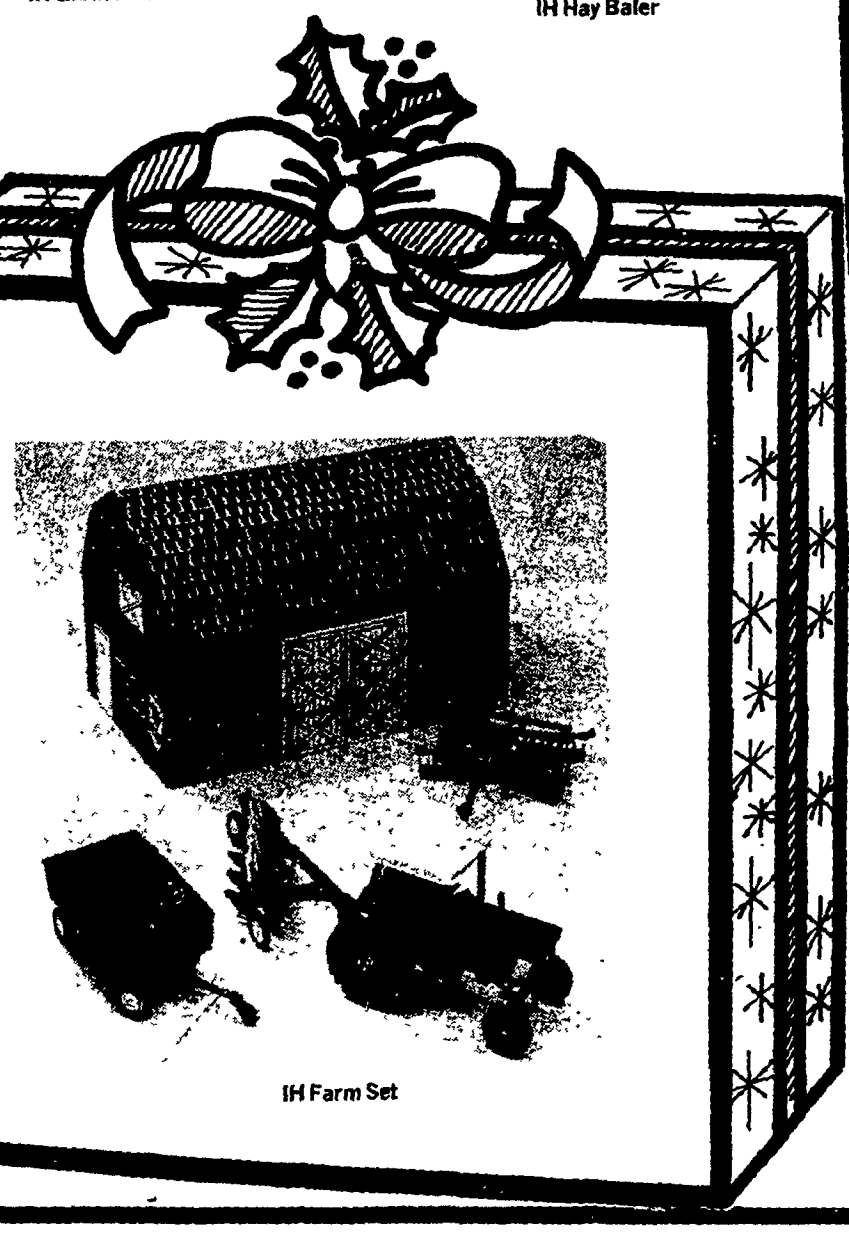
IH Barge Wagon



IH Grain Drill

IH Hay Baler





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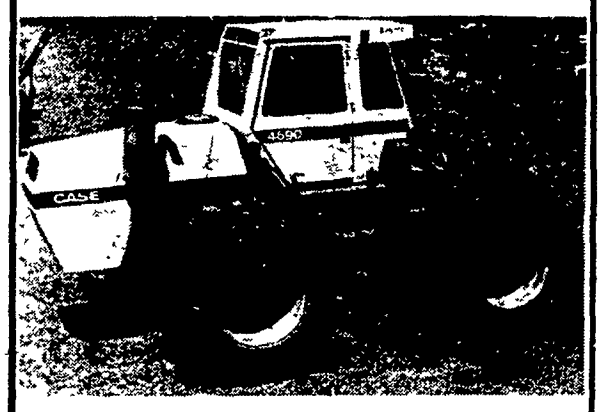
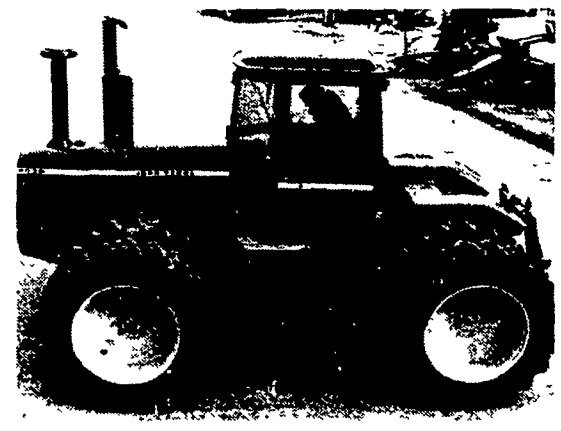


7373 - Deere 8630 4 WD, 3518 Hours, New Engine, 18.4x38 Duals, 3 Pt. Hitch



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- 7918 - IH 4386 4WD, 1240 Hours
- 7183 - Steiger ST-251, Cougar III, 2185 Hours, 20.8x34 Duals, 3 Point Hitch
- 7861 - Massey 1805 4WD, 18.4x38 Duals, PTO
- IH 3588, 2+2, 224 Hours, 18.4x38, 3 Values, Dif Lock, PTO, 3 Point
- IH 3588, 2+2, 18.4x38, 3 Values, Dif Lock, PTO, 3 Point,

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7963 IH 1480 Combine
7138 IH 915D Combine Hydro, Htr. A/C
6126 503C Combine w/Cornhead & Platform
7104 IH 815D Combine w/763 Crnhd & 13' Pltfm
7244 IH 815D Combine Hydro, 23.1x26 8PG
7142 IH 715D Combine Hydro, A/C
7818 IH 715D Hydro Combine 18.4x26 Tires
7757 JD 6600 Combine - Gear
7737 JD 6600 Combine - Gear
7904 JD E4400G Combine w/13' Platform
7222 MF 510 Combine Hydro
5373 MF 300 Combine
7158 AC Gleaner F Combine
7964 IH 883 Cornhead
7438 IH 863 Cornhead
7436 IH 863 Cornhead
6474 IH 844 Cornhead 38"
9493 IH 744 Cornhead
5817 IH 744 Cornhead
4147 IH 4R Cornhead
4221 NH 4R Cornhead
3641 Gleaner GKS 44 4R Cornhead
7719 AC Gleaner A438 Cornhead
5799 IH 810 15' Flex Platform
4639 IH 810 15' Flex Cutterbar
7789 IH 810 13' Grainhead w/Auto Hdr Control
4638 IH 810 Grainhead 13'
4260 IH 13' Grainhead
5152 MF 14' Grain Platform
NI 324 Picker w/12 Roll Husking Bed
NI 324 Picker w/Sheller
MF 750 Combine

TRACTORS

7951 IH F1086D w/Cab
6432 IH 1586D w/Cab & Air
7302 IH 1486D w/Duals, Cab, A/C
7678 IH 1466D w/Cab 20.8x38
7372 IH 1466 w/Cab 20.8x38 F
7573 IH 1466 24.5x32
7379 IH 1456 w/Cab
7864 IH F1066D
7569 IH 1066 w/18.4x38 8P
7721 IH 966D w/YAR Cab 18.4x34
7865 IH 806
7606 IH F706D Narrow Ft. 16.9x34
7797 IH 656G Hydro w/2000 Ldr.
7844 IH Farmall 450D w/pulley,
7824 IH 424G
7846 IH 424G
7835 IH 500G Crawler Loader
7825 IH Farmall H w/pulley
7870 IH Farmall H w/pulley
7500 IH Farmall H 13.6x38
7059 IH Farmall M w/IH 2M 2 Row Cornpicker
7449 Ford 335 w/Loader (Industrial)
7861 MF 1805 4WD 18.4x38 Duals
7131 MF 1085 w/Duals, Ldr.
7183 Steiger Cougar III, ST-251 w/20.8x34
7718 JD 2010 G w/12.4x36
7305 White 2-155 w/Cab & Air
7373 JD 8630 w/18.4x38 Duals
7722 IH 3300 B Skid Loader
7821 4120 Skid Loader
7962 Ford 3000 w/Loader

TILLAGE

7955 Krause 1577 Disk 16'
7184 Krause 2413 Disk, 23'
7049 Krause 2413 Disk w/3 Bar Tine Harrow
7692 Krause 2204 Disk, 12'
7691 Krause 1924 Disk, 21'
7550 Krause 1588 Disk, 18'
7932 Krause 1587 Disk, 16'
7551 Krause 2224 Disk, 12'
7589 IH 475 Disk 13'
4544 Deere 330 Disk, 23'
7879 Deere 310 Disk 12'
6332 Deere 310 Disk 12'6"
7525 Deere AW 12' Disk
6972 Deere 12' Offset Disk
7561 Deere KBA Disk 12'
7662 Miller Disk 10' Hyd Leveling
7751 Miller Disk 12'
7880 Bush Hog 24' Disk
7620 Hutch Master Rolling Plow Offset Disk
5584 Sunflower Disk 29'
6033 AC Disk 24'
7413 Oliver 252 Disk 10½'
7950 IH 490 Disk 20½'
7562 IH 800 10F Plow 18" Trailing
7504 IH 45 17 Shank 8½' Mounted Vibra Shank
6255 Cultivator for Farmall Cub
6982 IH 710 6F 18" OnLand Plow
6373 IH 700 5F 16" Plow
7913 IH 550 Plow 5x16
6470 IH 540 4F Plow
7543 IH 531 3 pt. 3F 16" Plow
7688 Ford 4F 16" 3 pt. Plow 3F
7847 IH 209A 2F 14" 3 pt. Plow
6493 Glencoe 11 Shank 13'6" Chisel Plow
7537 Binkley 2111 Digger Disk 11 Shank Chisel

OTHER EQUIPMENT

3288 IH 400 Planter 8R Cyclo
7607 IH 400 Planter 6R
6654 IH 400 Planter 4R Cyclo
6475 IH 400 Planter 4RW Cyclo
7623 IH 56 Planter 4R
7720 AC 600 Planter 6R No-till
7576 Deere 1240 Planter 4R
7567 IH 510 21x7 Comb Drill
7862 IH 510 18x7 Comb Drill
7910 IH 510 16x7 Comb Drill
7554 MF 43 22x7 Drill x. Grass Seed
7369 Bean B6-30MT-1000 Sprayer
6590 Kuker TOP 200 Saddle Tank
6928 Century 300 Gal. Saddle Tank
7555 Deere 150 Gal. 3 Pt. Sprayer w/Boom
7274 FMC Bean D020P300S
7321 Brady Flail Chopper
7615 Brillion SSH-144-09 12' Rotary Cutter
7815 Woods 121 10' Twin Blade Mower
7826 NH 120 7' Cutterbar Mower
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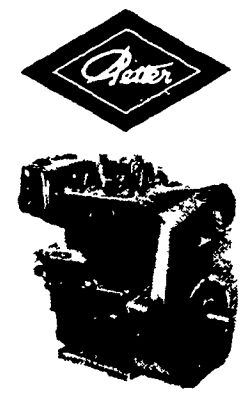

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IH 3688 w/rops and 18.4x38 tires
IH 3688 w/cab & 18.4x38 tires
IH 5088 w/cab & 20.8x38 tires
IH 784 width TA
IH 684 width TA

NEW EQUIPMENT SPECIALS

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IH 510 4F 18" plow
IH 720 6F 18" plow
IH 5500 Chisel plows
IH 475 12' disk
IH 415 12' packer mulcher
IH 4500 12' vibra shank cultivator

HAY AND FORAGE
IH 1190 9' mower cond.
IH 600 forage blower
IH 120 forage box
IH 881 forage harvester w/hds.

PLANTING EQUIPMENT
IH 5100 16x7 drill w/out fert.

SPREADERS & MISCELLANEOUS
IH 540 spreader 185 bu.
IH 550 spreader 215 bu.
IH 560 Spreader 245 bu.
IH 30' 8' blade
IH 40' 8' blade
IH 2250 loaders

ALL EQUIPMENT ON STOCK

USED TRACTORS

IH 186 D w/cab hydro nice .. $22,500
IH B275D Tractors..... $1150
IH 806 D w/3 pt..... $8500
MF 1080 D ..... Coming In
IH F 300 Gas w/2 pt..... $1750
IH 856 w/WF & 3 pt..... $8950

USED CORN HARVESTING & COMBINE EQUIPMENT

IH Sheller for 234 Picker $950
Fox 1 Row Corn Head for a 546 . $150
JD 30 Pull Combine $1150
IH 64 Pull Combine w/Cub Eng., $350

USED HAY EQUIPMENT

IH 990 7' mower conditioner .. $1750
IH 37 Baler w/thrower $1800
IH 27 Baler w/thrower $1500
NH 469 mower cond..... $2350
Hesston 1010 10' hydro-swing mower cond..... $3500
NH 770 Forage Harvester w/2 RW narrow head and pick-up unit..... $5250
IH 2 rw wide and narrow head for 720 and 830 harvesters $1650
IH 45 Table Blower..... $200
JD Bale Thrower, for a 24T Baler $150
IH 120 Mower (Balanced Head) . $650

Waiver of finance until 6-1-83

USED TILLAGE

IH 315 - 12' packer mulcher w/cyl. $2150
Ford 142 Auto. Reset, 5F, 18". $2250
IH 401 16' Harrow $600
IH 60 3F 14" trailer plow $375
IH 550 5F 16" plow $1250
IH 710 5F 16" plow w/cyl. $2250
IH 37 10' disk $750

SPREADERS AND MISC.

Hawk Bilt 2195 Flail (New) spreader w/hyd lid $5350
NI Model 211 Spreader (Nice) . $1350
Ford 5' rotary cutter..... $350
NI Elevator $200

USED PLANTERS AND DRILLS

IH 56 4 row..... $1250
IH 400 4 row 38" $1500
JD 494 A w/new hoppers $1350
IH 400 6 R 30" Planter, w/insect $4500
IH 249 2R planter..... $500

Waiver of finance until 5-1-83

MIFFLINBURG FARM SUPPLY, INC.

East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

MF Massey Ferguson

M.M. WEAVER & SONS, INC.

LEOLA, PA. 17540 PH: 717-656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

NEW & DEMO MISC. EQUIP.

York 8' Scraper ..... @ $550.00
MF 226 Scraper (3). ..... @ $460.00
MF 8 10 Ton Gear 11L $1140.00
MF 7 8 Ton Gear $775.00
MF 86 12 Ton Tandem Gear $1525.00
MF 5 Ton 5th Wheel Gear $300.00
EZ 672 6 Ton Gear $675.00
EZ 1074 10 Ton Gear $1050.00
MF 216 Q.A Loader $1750.00
Dunham 22 Loader (2) ..... @ $2550.00
Danuser Post Hole Digger $875.00
Little Giant Corn Drag $780.00
EZ 170 Bu Gravity Box $550.00
EZ 220 Bu Gravity Box $900.00
Danuser Post Driver $1300.00

USED CORN HEADS

MF 83 8 Row 30" (2). ..... @ $7000.00
MF 63 C 6 Row 30" (2) ..... @ $2500.00
MF 63 6 Row 30" (4) ..... @ $2100.00
MF 44 4 Row 38" (2). ..... @ $3500.00
MF 44 4 Row 38" (9). ..... @ $2500.00
MF 44 4 Row 38" (3). ..... @ $2100.00
MF 43 4 Row 30" (1). ..... @ $2500.00
MF 33 3 Row 30" $2500.00
MF 24 2 Row 38" $2200.00
MF 422 4 Row To Fit 510 ..... $1200.00
MF 621 4 Row To Fit 510 ..... $1200.00
MF 322 3 Row To Fit 410 ..... $200.00

NEW & DEMO HAY, FORAGE & PLANTING

MF 200 Harvester w/2 Row Head .. $5700.00
(4) MF 1 row Corn Head for 200 . @ $900.00
MF 22 Bale Thrower. $1520.00
(2) Farmhand F7 Hay Rake ..... @ $1995.00
Farmhand M 25 Hay Rake $975.00
(2) Mott 3 pt 72" Flail Mower ..... @ $1500.00
Farmhand Grinder-Blower $4500.00
Conveyor For Above..... $950.00
Farmhand 815 Grinder Mixer $4900.00
EZ 14' Forage Box, Roof, 10 Ton Gear .. $4015.00
EZ 14' Forage Box, 10 Ton Gear $3715.00
EZ 14' Forage Box, 1074 Gear $3950.00

USED HAY - FORAGE & PLANTING

Gehl Blower $800.00
Gehl SP Harvester $1,200.00
MC Rotary Scythe $3,900.00
Model 3300 Fox Harvester w/2 Row 30 Corn Head $4,500.00
Badger 16' Fg Wagon..... $1,200.00
MF 1440 Round Baler
MF 1560 Round Baler $5900.00
2 Gravity Box Wagons

TRACTORS USED

AC 7045, Power Shift, Only 120 Hrs. .. $26,500
MF 1800 ..... $15,500
MF 33 Wheel Loader $9000.00
MF 2675 ..... $20,000.00
MF 1130 engine overhauled $8000
MF 178 Diesel $4500
MF 1135 w/cab $12,500.00
MF 35 Diesel $3,400.00
IHC 1456 ..... $9,500.00
MF 2775 Diesel 165 H P

DEMO TRACTOR

(2) Ind 20C Tractor Cabs ..... @ $1500.00
MF 4840, 265 Hp., 18 sp 3 pt P.T.O $59,000.00
MF 275 8 Speed $12,800.00
MF 285 ..... $18,500.00
MF 2745 ..... $28,000.00

USED PLOWS & TILLAGE

MF 520 Disc 10'..... $1500
IH 414 Semi-Mtd. Plow $600
IHC 16' Vibra Shank $1500
JD 28' Rotary Hoe $1800

NEW & DEMO PLOWS & TILLAGE

MF 129 3 pt. Chisel Plow $1375.00
Dunham 8 Tooth Chisel Plow. $1600.00
MF 730 Disc Harrow 10' $4950.00
MF 428 4-38 Cultivator $1250.00
MF 620, 12' Disc Harrow $4950.00

WE SOLD 20 NEW MF COMBINES LAST WINTER. CONTACT US NOW FOR THE BEST SELECTION OF GOOD USED COMBINES.

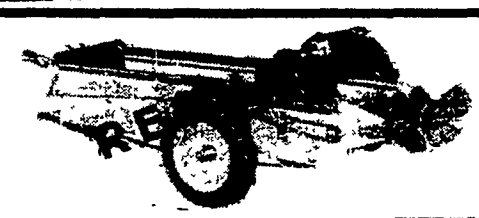
USED COMBINES

1981 MF 850 Hydro w/1163 C H. only 181 hrs.. ..... $59,000.00
1980 MF 760 V8, 15 ft. Floating Header, 1163 Corn Head $62,000.00
1978 MF 760 V8, with rear Wheel Drive & Grain Saver. $48,000.00
1977 MF 760 Turbo 6 hydro 15' Grain Head $35,000.00
1976 MF 750, 4 Whl. Drive w/6R & 4R Corn Heads & 15' Floating Grain Table $39,000.00
1976 MF 750 Hydro, 14 Ft Grain Head $29,000.00
1976 MF 750 Gear Drive, 14 Ft. Grain Head $26,000.00
1975 MF 760 V8, 15 Ft Grain Head $29,000.00
1975 MF 760 V8 Hydro 15' Grain Head $28,000.00
1975 MF 510 Diesel 13' Grain Head $19,000.00
1974 MF 510 Diesel, 16 Ft Floating Header $17,500.00
1974 JD 6600 Dsl., 13' Grain Head . $24,000.00
1972 MF 410 Diesel 13' Grain Head .. $10,500.00
1972 MF 300 Gas 10' Grain and 2 Row Corn Head $10,500
1971 MF 510 Diesel 13' Grain Head $14,500.00
1969 MF 510 Diesel 13' Grain Head $12,500.00
1968 MF 510 Diesel 13' Grain Head $13,500.00
1968 MF 510 Diesel 13' Grain Head $10,000.00
1968 MF 510 Diesel 13' Grain Head $15,000.00
1968 MF 510 Diesel, 13 Ft. Grain Head $10,500.00
1968 Gleaner CII, 13 Ft. Grain Head, 4 Row 36" C H. $8500.00
IH 315 Gas, 12 Ft. Grain Head, 2 Row Corn Head..... $7900.00
IH 141, 10 Ft. Grain Head $2000.00
IH 303, 10 Ft. Grain Head $2900.00
AC CII Gleaner with Grain Head $2,900.00
AC A Gleaner $2,000.00

NI 702 Diesel Tractor, 767 Super Chopper, 763 Corn Head, 717 Combine, 13' Floating Grain Head

NO FINANCE CHARGE ON USED COMBINES TIL JUNE 1, 1983

206 GROUND DRIVE SPREADERS IN STOCK



POST SEASON SPECIALS

IH 110 Forage Box (A1)	$2800	JD 65 Blower	$750
JD 115 Forage Box	$1600	Hesston 7012 Blower	$450
NH 27 Blower	$650	Gehl FB 87 Blower (New)	$600

USED EQUIPMENT

TRACTORS
JD 430
'79 Case 1210 p.s.
Ford 4000
AC 7080 Cab-Air-Heat
Case 1070 18.4x38 (New) Power Shift
Case 1370 Cab-Air-Heat . 24.5x32 Radio
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat-8 5 Spd. 20.8x38 (New)
Case 900 w/Pulley
AC WD45
Case 9901 Loader

LOADERS
1530 Uni Loader
Uni Loader Broom
Mustang 330
1845 G

NEW IDEA
206 Spreaders
325/314 Picker Sheller
323 Pickers
214 Spreader
224 Spreader

MISCELLANEOUS
Ford 101 Plow
NH Lime Drill
Case 12' Disc Harrow
NH 371 Flail Spreader
Case Auger Elevator
MF 880 6, 7Btm, plow
Wetmore 878 Grinder Mixer
Case 555 Mower Conditioner

FORAGE
JD 65 Blower
Stauffer Forage Box
Fox HA Harvester
Gehl 910 Forage Box
JD 3800 Harvester
NH 27 Blower
Hesston Blower
JD 115 Forage Box
IH 110 Forage Box

UNI-SYSTEM
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head

DEMO SPECIAL
Martin 1263 Scavenger $6300

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case NEW IDEA GEHL Gets into your system BUSH-HOG

TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

NEW ITEMS

Complete new 3 pt. hitch assemblies for 06, 56, 66, 86 IH tractors. Will economically replace 2 pt. or worn out 3 pt. hitches. Call for prices Easy shift hydraulic trans. brake control for 06, 56, 66, 86 & 2+2 model IH tractors. Eliminates grinding, eases hard shifting & reduces shift linkage & gear wear.

Complete TA assemblies for 706-1586 are prices at **$595** and come with a Dana Co. Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 yrs. against failure.** Sprag kits (includes sprag gear, Dana sprag & piston carrier) and all items for rebuilding your own TA assembly are available to qualified persons. Ramps and carriers for older style TA's (as in SMTA-340-560) are priced at $150 each and carry a 90 day guarantee. We have parts needed for TA repair in stock at prices which will save you money. Shop is available for complete TA installation or split the tractor yourself and send the center housing to us. **Complete rebuilt center housing available for installation in tractors which did not have TA from factory.**

Now buying tractors for our used parts dept. Let us bid on your damaged tractors.

Selling parts from the following:
Please have part no. when calling if possible.

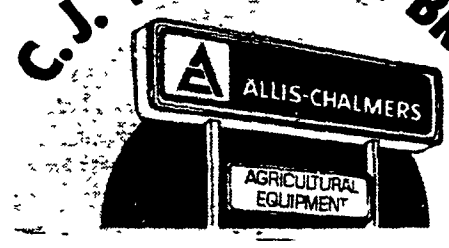
Tractors - IH 1066, 806, 706G, 656D, 660D, 450D, 340, 300, M, SM, W-D9C, W-6 & A. JD 520, 3010, 2020D, 60, A, B. Oliver 1650-G.
Combines - IH 203, 815-D, fresh 407, JD 30 & 55, MF 35, MF 510 G Quick Tach., Uni- 701, 702 & 705 tractors, also 710 combines & 727 & 737 huskers.
Corn Heads - IH 429 WN, 430, 228, 227, 328 WN

Parts shipped direct thru UPS & Parcel Post

J. EDWARD LEAMAN
RD #1, Box 474 Willow St., PA 17584
717-464-2874

AVCO NEW IDEA

C.J. WONSIDLER BROS.



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Rts. 309 & 100
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Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

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Trumbauersville to Finland Rd., Quakertown, PA
(215) 536-1935 or 536-7523
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Sat. 7:30 A.M. - 4:00 P.M.

BRANCH
Lobachsville, Oley, PA
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Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

FALL CLEARANCE

COMBINES
JD 8820 w/950 hrs., cab, air & heat, 15' floating grain, 830 corn heads, like NEW!
JD 55 Super w/cab, 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
NH 975 w/11' grain & 238 corn heads
MF 300 w/11' grain & 238 corn heads
MF 82 w/grain & corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702 2-Row Corn Head & 761 Pick Up Head
Gleaner N5 w/15' floating grain & 630 corn heads.
Gleaner L2 w/15' grain & 630 corn heads.
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner F2 w/15' Grain & 4 row corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain head
(3) Gleaner E w/cab & both heads

CORN PICKERS
(2) NI #7 1-row
NI #10 1-row
(2) NI 305 2-Row Mounted Picker w/307 Husking Bed. Fits Either IH or JD

TRACTORS

JD 3020 D	Oliver 550
JD 3020 G	Oliver 55 D
JD 60 w/237 2-row picker	MM G1000 D
JD 60	Ford 800
Farmall 656 D	Case 630 w/loader
Farmall 560 D	Case 300
Farmall 400	AC 7050 w/cab
Farmall 460 D	AC 7040 PS, w/cab
Farmall H	AC 7020 PS, w/cab
MF 1105D w/cab	AC 7000 D w/cab
MF 1100 D	AC 190XT D w/cab
MF 180 D w/loader	AC 185 D
MF 180 D	AC 175 D
MF 50 D	AC 5040 D
MF 50	AC D19
White 2-50 D	AC WD45
	AC WD

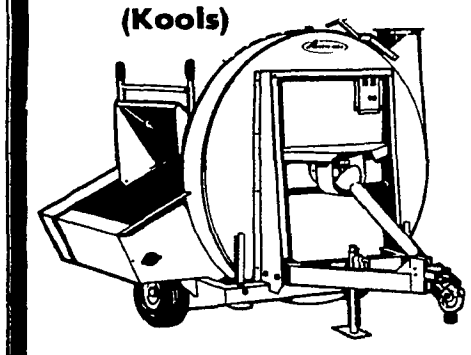
FIELD HARVESTERS
Gehl 600 2-row & pick up, EXCELLENT!
NH 718 2-row & pick up, like new!
NH 880 2-row & pick up
AC 720 2-row & pick up
NH 717 2-row & pick up
NH 717 1-row & pick up
IH 350 1-row & pick up
Gehl 1-row & pick up
Gehl 6' Flail
NH 33 5' Flail
IH 110 Forage Wagon w/8 ton running gear

MANURE SPREADERS & MISC.
NH 791, 365 BU. - EXCEL.
NH 175 BU.
NI 218, 325 BU.
NI 214, 206 BU.
(2) NI 213, 176 BU.
Badger 180 BU.
NH 365 Tank Spreader
Weaverline 330 Electric Feed Cart, 30 BU., Like New!
Weaverline 224 Electric Feed Cart, 24 BU.
Moridge 400 Grain Dryer, PTO, A-1

SPECIAL SALE on (New) NEW IDEA 323 CORNPICKERS
SAVE $1,400.00!
In Stock - Ready to GOoooooo!!!

Fall Specials...

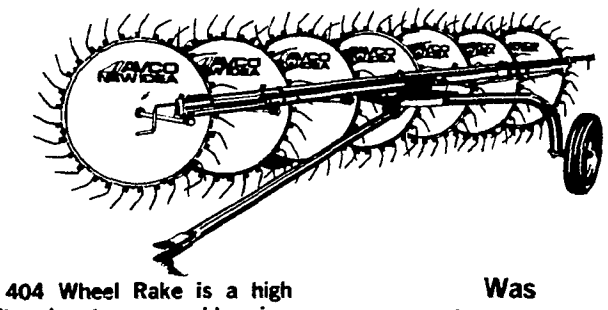
NEW IDEA MODEL 621 FORAGE BLOWER (Kools)



New Idea's 621 Forage Blower is a rugged, high capacity model for better performance than ever before. It features a husky 57" fan for medium to large operations. Comes with a standard adjustable tongue that makes tractor hook-up fast and simple...

FALL SPECIAL $1,700

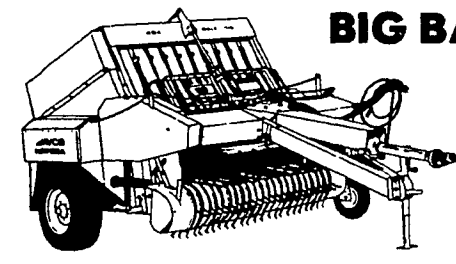
NEW IDEA MODEL 404 SPEED WHEEL RAKE



The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain.

Was ~~$1,150~~

TRUCKLOAD SPECIAL $1050



BIG BALER SPECIAL

BUY NOW AT DISCOUNT OR RENT FOR $5 PER BALE!

Offer Ends Nov. 30

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

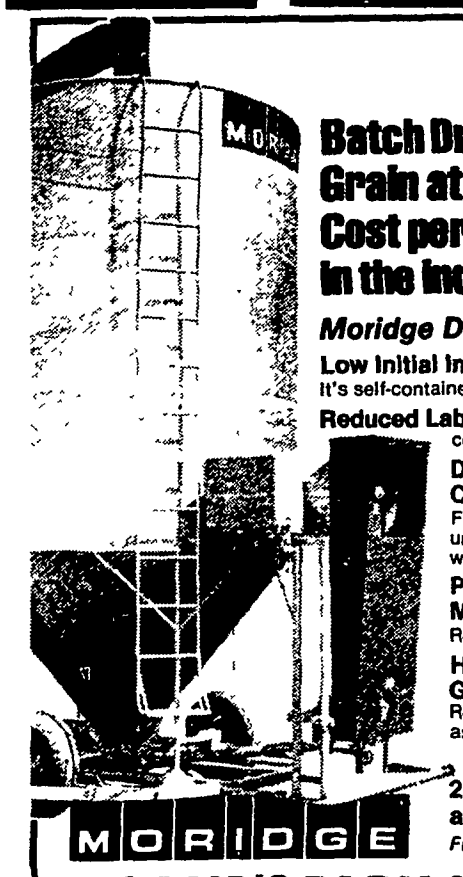
AVCO® NEW IDEA

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

case

Case 2390 Tractor 1982, Fully Equip., 100 hrs. Dual Wheels, Traded for other Machinery
1980 Case 580C Backhoe/Loader w/Cab, Low Hours
1980 Massey Harris 450 Round Baler
NI 727 Husking beds, good shape
Plus NI cut/ditioners & mow/ditioners, tractors & spreaders in stock at Good Prices.
Interest waiver on all new and used equipment till March 1, 1983.
On New Idea Equipment till June 1, 1983

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul



Batch Dry High Moisture Grain at one of the Lowest Cost per Bushel figures in the industry.

Moridge Dryers offer . . .

Low Initial Investment Cost . . . It's self-contained—no additional bins to buy.

Reduced Labor Costs . . . Load it, set the controls and it dries the grain.

Drying at Half the Per Bushel Cost of some dryers . . . Fuel savings designed into every unit. All models operate easily with 35 hp tractor.

Portability, Rather Than Just Movability . . . Round base levels easily and quickly.

High Quality, Fully Dried Grain . . . No mixing of wet with dry. Recirculation and round bin design assure thorough drying of all grain.

275 bu., 400 bu. and 700 bu. models.
Fully Qualified for ASCS Loan

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

USED TRACTORS

JD 2840
JD 2940
JD 2020 Gas w/Loader
JD 3010 Gas
JD 4010 Diesel
JD 4040 Diesel
JD 4430 Diesel
Allis Chalmers "B" w/Blade
International B-275
MM335 w/Loader

USED TRACTORS WAIVERED TO MAR. 1, 1983

USED EQUIPMENT

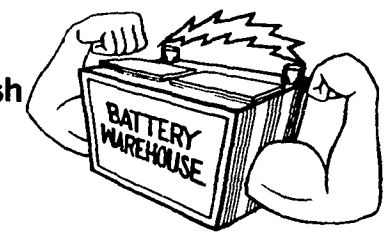
JD 6620 Sidehill Combine
JD 336 Baler w/Ejector
JD 24T Baler
Hesston 1502 Tank Spreader
Gehl Grinder Mixer
Tye No-Till Drill, 10 Ft., Like New
JD 6-Bottom Plow, 16"
NI 319 2-Row Cornpicker

SPECIAL OF THE WEEK...
JD 1710A Mult. Tiller (Demonstrator) $6,200

SHOTZBERGER'S EQUIPMENT
Elm, Pa.
Phone: 717-665-2141

Tired of Being Overcharged?

The **BATTERY Warehouse** offers a complete line of factory fresh **top quality** batteries for all of your family needs at everyday **low low** prices.



Now Featuring Our Group 1 6 volt At
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3 Yr. Standard Warranty

$29.95 Exch.

(Our Most Pop. 6 Volt Fits Many Old Farm Tractors)

We Specialize In "Hard To Find" Industrial Batteries
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(301) 876-7188
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Complete Price Sheet Available Upon Request

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United Parcel Servic

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SPERRY NEW HOLLAND

INTERNATIONAL HARVESTER
CALL US ABOUT THE MOST ATTRACTIVE FINANCING AVAILABLE — NOW THROUGH IH
WAIVER OF FINANCE ALSO AVAILABLE ON ALL IH EQUIPMENT!

NEW HOLLAND
FREE FINANCE ON FORAGE UNTIL 9-1-83!
5% 24 MONTH FINANCING AVAILABLE ON ALL SNH EQUIPMENT
*** Free Finance on grinder mixers, skid loaders and all manure spreaders until 4-1-83**

NEW EQUIPMENT IN STOCK

IH

3088
3688 tractor
5088 tractor
1420 combine
14 SOLD ibine
800 air planter
810 header
820 header
94 SOLD head
IH 730 plow vary SOLD 4 btm.
720 plow 5x20" - auto. reset
5100 drill 16x7 plain, 21x7, w/depth press wheels
13' 5500 chisels
1300 mower
1190 mower-cond.
2 - IH #15 throwers
475 wing disc, 18'7"
435 baler
550 spreader
2250 loaders
183 4-R cultivator

NEW HOLLAND

311 balers (2)
31! SOLD
#70 & 75 throwers
489 haybines
425 skid loader
L-3! SOLD oader
718 chopper
782 SOLD r
822 corn head - $2500
892 chopper
#8 crop carrier
OD 100 offset disc-12'
451 mower
513 spreader
363 spreader
519 spreader
791 spreader
474 haybine

WE RENT SKID LOADERS

JUST TRADED
IH 1440 Combine, Excell. Cond.
844 corn head, auto header control, air cond.
Waiver of finance available

OUT-OF-SEASON DEALS!
IH 435 BALER w/HD PTO,
#15 THROWER $7500
IH 1190 MOWER-CONDITIONER $6200
Prices are cash, no trade

USED SPECIAL
IH 856 FARMALL DIESEL,
3 pt., wide front,
new clutch year-a-round cab/heater, good rubber.
MF FLAIL CHOPPER $975

SPECIAL
NH 892 FORAGE HARVESTER
w/2 row head,
all electric controls, fully equipped
Free finance until 9-1-83
$12,700!!

"THINKING COMBINE?? REMEMBER - IH AXIAL FLOW HAS WON MORE ENGINEERING AWARDS THAN ANY OTHER COMBINE. AXIAL - FLOW CAN PAY IT'S WAY WITH LESS FIELD LOSS, MORE GRAIN IN THE BIN PLUS THE GREATEST HEADERS IN THE INDUSTRY! WE HAVE A 1420 IN STOCK" THE 1420 IS A REASONABLY PRICED, 4 ROW ROTARY MACHINE. BUY THE "HOT" COMBINE FOR LESS MONEY THAN ITS COMPETITORS. OUR COMBINES ARE BACKED BY OUR OUTSTANDING SERVICE DEPARTMENT.

USED EQUIPMENT

IH 3388 2+2 low hrs.
IH 2400 Ind. tractor diesel, 6-way hyd blade, log splitter
856 Farmall w/cab
JD 2510 Diesel tractor, new engine
John Blue - truck mtd dry fertilizer spreader. Excellent Cond 8 ton
IH 303 Combine, both heads, cab, very good shape
NH 10 ft. trailing fert. spreader, very good cond.
NI 224 Manure Spreader, hyd. endgate w/cyl.
IH 990 Mower Conditioner 9' good, double rubber rolls
IH 440 baler w/thrower, nice, hyd bale tension
John Deere #50 tractor w/mtd picker, power steering
IH 449 4R planter - nice
MF 4R planter - 50 acres $1500
IH 550 plow 5x16 (2)
IH 51 forage box w/roof; heavy gear
NH 69 baler
NH engine thrower
IH #70 pull type plow 3x16", nice
1250 hydrostatic Cub Cadet
IH 46 baler with thrower
1 440 IH combine w/4 row head excell. cond
IH #8 Flail Chopper, new knives
IH 550 Forage harvester, cheap

PLAN NOW TO ATTEND

OUR FIFTH ANNUAL YEAR END PUBLIC AUCTION

SATURDAY, DECEMBER 4, 1982

9:00 A.M.

Auction Conducted By:
John E. and Paul E. Martin, Auctioneers
717-733-3511 - 717-733-3305 Ephrata, Pa.

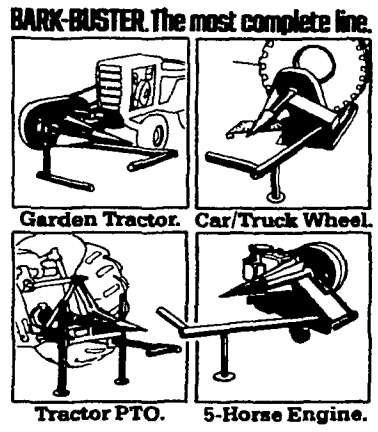
SEE PAGE B-43 FOR COMPLETE DETAILS

Hardware, Hand & Power Tools, Chain Saws, Welders, Lawn & Garden Equipment, Air Compressors, Ford Vans, Farm Equipment and Many Miscellaneous Items.

BARK-BUSTER.
Nobody splits wood faster or better.

"How much wood could a woodchuck chuck?" More than anyone else if he uses a Bark-Buster — *America's No. 1 auger-type wood splitter.* Fastest, most economical type. Splits from side, in split seconds Lets you continuous-feed logs, one against another.

BARK-BUSTER. The most complete line.



Garden Tractor. Car/Truck Wheel. Tractor PTO. 5-Horse Engine.

LET'S BARK BUSTER SPLIT!

Ask us for an on-the-spot demonstration!

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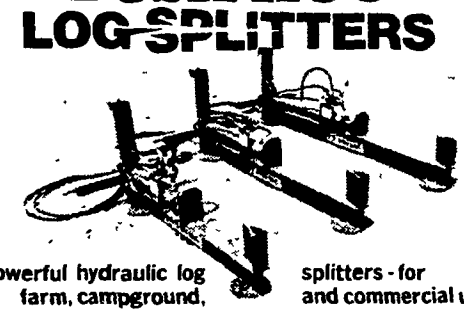
HARSH and OMAHA STANDARD

Air and Hydraulic

LIFT AXLE ASSEMBLIES

We Install

BUSH HOG® LOG SPLITTERS



Powerful hydraulic log splitters - for farm, campground, and commercial use

Model LS-19A	Model LS-27A	Model LS-33A
19" Log Capacity	27" Log Capacity	33" Log Capacity
$395.00	$495.00	$595.00

SPECIAL PRICES on all NEW WHITE TRACTORS in stock

- 2-55, 2 Wheel Drive
- 2-65, 2 Wheel Drive
- 2-65, 4 Wheel Drive
- 2-88, 2 Wheel Drive
- 2 - 110, 4 Wheel Drive

1979 GMC ½ TON PICKUP

Full-Time 4 Wheel Drive, 35,000 Miles, 350 V8, Automatic, PS, AC, Tilt Wheel, Power Windows & Locks, AM/FM Stereo, CB, w/new Meyer St90 Power Angle Blade.

$9,950.00

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1550, 1600, 1650 $1000.00 Exchange

2- Hydra - Power Transmission Rebuilt
1750, 1800, 1850, 1900, 1950 $1250.00 Exchange

3- Wide Front Axle Assemblies

Reconditioned Oliver Crankshafts with Bearings in stock

1- L-119-B, .020 Rods & .020 Mains
66 Gas
1- L-119-D, .010 Rods & .010 Mains
Super 55&66, 550, 660, Gas & Diesel

1- M-119-D, .020 Rods & .020 Mains
Super 77, 770, Gas & Diesel

1- K-119-D, .010 Rods & .010 Mains
Super 88, 880, Gas & Diesel

1- 155-883-A, STD. Rods & STD Mains
1600 Diesel

1- 155-884-A, .010 Rods & .010 Mains
1600, 1650, 1655, Gas

1- 155-897-A, .010 Rods & .020 Mains
1650, 1655, Diesel
1750, 1755, 1800, Gas

1- 30-307-8663, .020 Rods & .020 Mains
1750, 1755, 1800, 1855, 1950 T, 1955, Diesel
1850, 1855, Gas

Call Paul Weaver For All your NEW & USED Oliver Replacement Parts. We Will Ship UPS

USED GRAIN BODIES

In Stock

- (1) 12 Ft. w/Hoist
- (1) 14 Ft. w/Hoist
- (1) 16 Ft. w/Hoist
- (1) 19½ Ft.
- (1) 21½ Ft. w/Hoist

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chain sale

NOW... BIG SAVINGS ON THE WORLD'S LEADING SAW CHAIN!

BUY 1 REPLACEMENT CHAIN FOR YOUR CHAIN SAW, ANY MAKE OR MODEL, AND GET THE SECOND REPLACEMENT CHAIN FOR:

$1

Be sure to bring your old chain along for correct size replacement

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Located in the Village of Farmersville, Lancaster County
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Hours; Mon.-Fri. 7:30 A.M. to 5:00 P.M.; Sat. 7:30 A.M. to 3:00 P.M.

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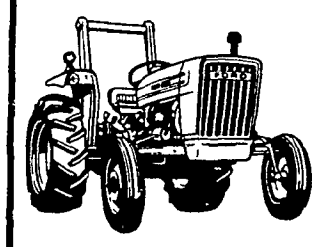
WHITE FARM EQUIPMENT

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

BROOKS FORD TRACTOR, INC.

FORD CLEARANCE SPECIALS

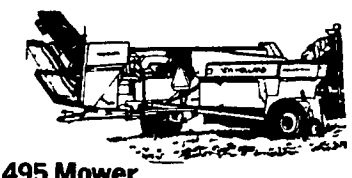


(While They Last)
1981 FORD 3600 (40 H.P.) No Trade — $10,200

1982 Ford 4610 — $13,200

NEW HOLLAND SPECIALS

Lease Returns (1) 513 Spreader 2 Beater — $3,000



Model L35 Skid Steer Loader — $12,500

L425 Skid Steer Loader — $9,900

315 Baler w/thrower — $8,500

495 Mower Conditioner — $9,000

329 Box Spreader — $2,750

303 Injector — $2,500

GOOD USED EQUIPMENT

Mower Conditioner..... NH 460
Mower Conditioner..... NH 469
Mower Conditioner..... NH 479
Mower Conditioner..... JD 800
Mower Conditioner..... NH 488
Flail Chopper..... N.H. 33
Blower..... Gehl
Forage Harvester..... NH 707
Tank Spreader..... Hawk Bilt
Box Spreader..... IH
Box Spreader..... JD
Tractor..... JD 40
Tractor..... Massey Harris 33
Hay Tedder..... Grimm

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Used Tractors:

John Deere 2020, 4520, 4430 w/cab, 4320, 4230, 4030, 4020, 2510, 3020
Farmall 1466, 806, 766, 656, 460, 450, M, H
Allis Chalmers 210, 190XT, 185 like new
Ford 7000, 3400 w/loader, 2000
MF 175 diesel, 1100

Used Combines:

JD 4400 gas
MF 300 quick tach
JD 4400 diesel
JD 45
JD 6600 diesel w/hydrostatic drive
JD 55 corn special

Used Corn Heads

JD 2, 4 & 6 row corn heads
IH 6 row
NI 4 row N

Used Choppers:

JD 5200 self-propelled chopper
Fox 3000 w/3 row head
NI uni chopper
3 row narrow uni head

Used Trucks:

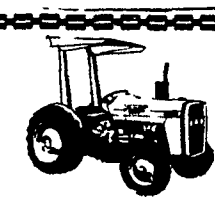
IH 2010 tandem w/new grain body & hoist

Used Plows & Disks:

Used Keewanne 21' disk,
1450 John Deere 7 Bottom
New White 418 spring reset plow
Large selection of John Deere 5, 6, & 7 Bottom
Athens 21' Hyd. Fold disk
IH 470 18' Disk
Large selection of smaller John Deere disks
New Gehl, Fox & Badger Equip.
JD model 2500 6 btm. 18" auto. reset plow
NI 323 one row picker
JD 346 wire w/thrower
NH 273, 275, 276, 278 balers
JD 1209 haybine
NH 467 haybine
Used Moridge grain dryers
Knight 350 manure spreader, like new

D & R EQUIPMENT INC.

Ringoes, New Jersey
(201) 782-5082



MF Massey Ferguson

TRACTORS & EQUIPMENT

IH 184 Tractor w/Mower & Frt. Blade
IH 284 Tractor w/Mower
IH Farmall Super H Tractor
IH 460 Tractor w/Loader
Ford Loader for Ford 2000, 3000 and Any to 8N
AC D17 Dsl. Tractor
MF 50A Tractor, Loader, Backhoe
MF 275 Tractor
MF 3165 Tractor w/Loader & Cab
MF 40 Dsl. Tractor and Loader
NH 489 Haybine
NH 892 Fg. Harvester
NH 718 Harvester w/822 Head & Pickup
NH 36 Crop Chopper
NI Cut/ditioner
IH 440 Baler
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
NH 510 Manure Spreader
NI 213 Manure Spreader
AC 516 Plow
NH 451 Mower
IH Rake

NEW M.F. EQUIPMENT

MF 520 disc harrow
MF 275 Tractor
MF 285 Tractor
MF 245 Tractor
MF 265 Tractor
MF 210-4 Tractor
MF 50C w/Loader
MF 40B w/Cab
MF 40B w/Cab
MF 30B w/Cab
MF 20 Turf Tractor
MF 124 Baler
MF 34A Loader
MF 34A Loader
MF 32 A Loader
(2) MF 216 Loader
MF 300A Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 820 Disc Harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter

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Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

SPECIAL

1 - USED BETTER BILT 2600 Gallon VACUUM SPREADER w/Tandem Axle and 4" Suction Hose, Plow Down Attach.

1 - Used 5½ ft. Pickup Head for JD 3940 Harvester, good condition.
One 7' Myers snowplow for Ford ½ ton pickup, good condition

1 - JD 4020 diesel tractor w/wfe

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- Lagoon Pumps
- High Pressure Pumps

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NH #718 Harvester (1 only)
NH #892 Harvester Electric Controls, Metal Detecter, 3R Hd. & Pickup Head
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NH #519 Spreader 11:20 Tires
NH #791 Spreader, 11:20 Tires
NH #303 Liquid Tank Spreader (Demo)
NH #367 Tank Spreader, Used 1 Year
NH #310 Engine Baler, Steel Wheels Hitch & Chute

CALL FOR SPECIAL PRICE

Pittsburgh 3B 18" Auto Reset Plow..... $3150
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow..... $5275
Pittsburgh 12' Field Cultivator, 1 only..... $1295
Oswalt Ensilmixer, 1830 trailer w/Ditigal scales..... $9500
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Dunham 3 Bar 8 Tooth Chisel Plow..... $1695
Hub Tool Elevator 36 ft..... $1995
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• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY AND FORAGE EQUIPMENT TILL JUNE 1, 1983
SPREADERS AND GRINDER-MIXERS TILL APRIL, 1983

SPERRY NEW HOLLAND

JAMESWAY OSWALT ENSILMIXER DUNHAM
Leasing Available

USED EQUIPMENT

(2) NH 512 Spreaders
NH 518 Spreader, top beater
NH 707 Harvester w/1R CH, good cond.
NH 770 Harvester, good cond., 1000 RPM
IH 555 Harvester, 2 Row Head & Pickup Head
Bush Hog 12' Offset Disc, 26" blades, excellent condition
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 325 Loader 54" bucket, like new
NH 495 Haybine 12', Good Cond.
NH 479 Haybine, Ex. Cond.
NH 354 Grinder Mixer Ex. Cond.
NH 272 Baler w/Engine
NH 451 Mower, Excellent
NH 455 Mower
NH 56 Rake, Ex. Cond.
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head

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FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

Erb & Henry's value harvest

★ FAHR HAY TEDDERS ★

NEW RHINO 131 12' 11" FLEXIBLE DISK HARROW
24" smooth blades ¼" thick, 9½" spacing, new dual tires & tubes, furrow filler & set up, list $8257 . . . . . SALE $ 7,000

LITTLE GIANT ELEVATOR
42' w/PTO drive . . . . . SALE $ 2,550

FIDELITY 35 KW ALTERNATOR
with trailer and PTO, list $4295 . . . . . SALE $ 3,550

UEBLER 790 ELECTRIC FORAGE FEEDER
with batteries, list $3860 . . . . . SALE $ 3,300

VICON 620 HAY RAKE
4 Wheel, 3 Pt., list $1100 . . . . . Was $900 SALE $ 650

VICON H820 HAY RAKE
5 Wheel, 3 Pt , list $1375 . . . . . Was $1,000 SALE $ 850

STARLINE 930 ROTO-SPREADER . . . . . Old, Old Price

• **John Blue Sprayers In Stock!** • **Farm Bilt Bale Wagons In Stock!** • **Athens Model 76 Double Offset 11'8 In Stock!**

COMBINES!

★ **New IH 1460 Axial Flow Combine In Stock!**
★ **IH 1420 Combine - In Stock**
★ **963, 944, 943 Heads In Stock!**
★ **820 15' Floating Cutter Bars!**
★ **810 15' Cutter Bar (Old Price!)**

• **We Specialize In IH Combine Parts and Service**

ASK ABOUT IH RED EDGE
"PERFORMANCE SAVINGS"
NEW 30 and 50 SERIES TRACTORS

Best Cash Prices Ever On All Equipment

★ **IH 5288 - Demonstrator - Extra Special Price!**
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IH 1250 GRINDER MIXER, ... Old Price
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DEMO IH 501 DISK HARROW - 12'5"
26" blades ¼" thick, dual wheels w/new tires, furrow filler w/blade, hyd cyl hoses & fittings, set up, list $8031 . . . . . Was $6,225 SALE $ 5,925
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10'2 . . . . . Old Price
IH 482 CUB CADET 11 HP
4 Speed, single cyl , Briggs & Stratton, hand lift, 38" mower FREE . . . . . SALE $ 2,495
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Demonstrator . . . . . Extra Special Price!
IH 786 Diesel
w/o ROPS, 18x4x34 Tires . . . . . SALE $19,800
IH 2250 & 2450 Loaders . . . . . Available At Old Price
IH 4130 Gas Skid Loader, Demo. . . . . . Call For Price!

NEW! **New IH 496 CUSHION GANG FLEX WING DISC HARROW w/EARTH METAL DISCS** **NEW!**
• **22 FT. DEMO IN STOCK - ONE ONLY - CALL FOR PRICE**
• **19 Ft. 1 In. Also In Stock!**

• **IH 3 pt. 181 Rotary Hoe In Stock!** • **IH 4 & 6 Row 183 Cultivators In Stock!**

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NOVEMBER TRACTOR SALE

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JD 4010	8,900	8,400
JD 2520	8,900	7,800
JD 2510	7,000	6,200
JD 730	4,200	3,200
JD 70	2,800	2,200
JD MT w/plow & planter	SOLD 2,100	1,200
MF 65 diesel	3,500	2,800
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AC K2 Combine w/Platform	$15,000
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JD 145 Plow	1250
JD 7000 6 Row Planter	4800
Gehl 72C Chopper	700
JD 244 Corn Head	1100
NH 479 Haybine	1500
Ber Vac Snow Thrower	1500
JD 38 Harvester w/2 Row Head	1500
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White 20' Folding Disk Harrow	1000

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JD 3020 w/cab
JD 4230 w/cab
IH 1086 w/cab 1180 hrs.
IH 460 Utility w/loader
MF 1080 Diesel
White 2-85 w/cab

COMBINES

1978 JD 6600 Sidehill
1979 JD 6620 Sidehill
JD 4 and 6 Row Corn Heads
1980 MF 760 338 hrs. w/2 heads
JD 45 w/2 heads

TILLAGE

JD 210 13' Disc
AC 3100 10' Offset Disc
JD 1450 4x16 Plow
JD 1450 5x16 Plow
JD 2700 7B On-Land Plow
JD 145 4x16 Plow
JD 145 5x16 Plow
AC 5x16 Semi Plow
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Selection of Used Planters including Max-Emerge.

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Used Deutz D10006, 105 h p , $12,400
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Used homemade hay tedder $400
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D4507 Deutz tractor, 45 h p
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D7807 Deutz tractor, 74 h p
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Custom-built diesel Gen-Sets made to order
New & Used Deutz diesel engines at special prices Call for details
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JD "A"
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New 24' Hub Elevator - $1,200
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New NH 353 Grinder Mixer, Complete

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• Choice of Heads •

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80% undercarriage with third valve, good cond. $16,000
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- Case 930 Tractor "CK"
- Case 430
- David Brown 990 w Loader
- Oliver 500
- Oliver 880
- Oliver 1750
- White 2-105 Tractor
- Int 656 Tractor

LOADERS
- Case 1816 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr No 2 Loader
- IH 3200 Skid Loader

TILLAGE
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- Case Disc Harrow, 10'
- Case Disc Harrow, 12'
- JD 12' Disc Harrow
- Oliver 2 Bot. Trailer Plows
- Brady Field Cultivator
- Oliver 4 Bot. Mtd. Plow
- Used Cultipacker

HARVESTING EQUIPMENT
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- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 315 Gathering Unit
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 727 Husking Bed
- NI 767 Super Chopper
- NI 737 Cornhead
- NI 323 1 Row Corn picker
- NI 2-Row Cornpicker
- Int Mtd Picker, 2 Row
- IH 550 Harvester w/Pickup
- JD No 25 Harvester
- Case 300 Harvester
- JD Chopper
- NH 717 Harvester
- Kools Forage Blower
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT
- NH 488 Windrower
- NH 469 Windrower
- Hesston PT 10
- Hesston 1090 Windrower
- Dump Rake
- 3 pt Hookup Mower
- Bale Thrower Wagon
- Case Hay Rake
- JD Hay Rake
- NI Hay Rake
- NI 456 Round Baler
- JD 14T Baler w/thrower

MISCELLANEOUS
- Ford 4 Row Corn Planter
- JD 2-Row Planter, Pull Type
- IH 400 Corn Planter, 8 Row
- 10 Used Spreaders
- NI 218 8½ ton Spreader
- Potato Grader

SPECIAL
• 8 USED WINDROWERS!
• NI 456 Round Baler
Was $8,500
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Used Equipment Specials...
8 Ft. Cultipacker
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Case Baler
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3 Pt. 2 Row Cultivator
Bradley Hay Rake
Cub Tractor w. 60" rotary mower 5' sickle bar and plow-

New Equipment Specials...
Shaver Post Hole Digger $595
500 Gal. Walsh Field Sprayer, 34 Ft. Boom $1,795
AMCO Disk $4495
Landoll 7 Tooth Chisel Plow $1500
8 Ton Wagon Gear ..... Was $560 ..... NOW $495
3 Pt. Backhoe ..... Call For Price!
3 Pt. Hookup Cement Mixer ..... Call For Price!

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We now have a new type side spreading semi-liquid manure spreader, holds 675 gal.
Easy pulling ground drive.
Very accurate spreading to less than 1000 gal. per acre.
Corten sheet metal used.
List Price $1795.00
I will demonstrate on my farm
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- S Scranton Bale Feeders
- Vermeer 504H Baler
- Vermeer & Scranton Bale Movers
- Martin S1263 Spreader
- (4) Vicon 4 Wheel 3 pt. Hitch Rakes
- (1) Vicon 6 Wheel Trailer Rake
- (3) Vicon 600 lb. Spreader
- (3) Vicon 950 lb. Spreader
- (2) Vicon 1900 lb. Fert. Spreader
- (1) ~~(2)~~ Vicon 8' Mower Conditioner
- Haybuster 1068 Semi-Mounted No-Till Drill

USED EQUIPMENT
- Int. 9' Haybine
- Vicon 8' Mower Conditioner
- Vicon 10 ft Power Harrow
- Brady Flail Shredder
- Martin 3300 gal. Liq Spreader
- Hawk Bilt 257 Tank Spreader
- New Idea Manure Spreader
- Hesston 12' Hydro Swing Haybine

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(3) JD 2940 $20,000 ea.
JD 4240 QR, SG Body $35,000
JD 125 Ski Steer Loaders, Dsl. & Gas
JD 125 Skid Steer Loader Gas $12,500
JD 90 Skid Steer Loaders

NEW MACHINERY
JD 445 Spreaders
JD 235 19' Disc $10,000
JD 1209 Mower Conditioner $7000
JD 2700 5x18 Plow
JD 1250 Plow 3x16 $1800 N/T
JD 1250 Plow 4x16 $2450.95
JD 7000 Conservation Corn Planters 4R & 6R
JD 16x10 FF Drill $4000
JD 327 Baler w/ejector

USED MACHINERY
1981 White Combine #7300 w/704N 4 Row Corn Head $30,000
1-JD 55 Combine, 235 C.H. and 12' Platform $5000
AC 6080 Dsl. Tractor, 239 hrs., like new $18,500
2-18x4x30-8 Ply Tires and wheels for Gleaner Combine $500
JD 800 SP Windrower $3200
JD 1500 Power Till Seeder $4000
FH10 Hesston Stacker and Mover $4000

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RD2 Box 49
Mifflinburg, Pa.
717-966-3778
JD Agricultural Dealer and CP

BULLETIN
Call For Information On
FREE RAKE or MOWER
With the purchase of an
851 Round Baler

- Super-Sweep Pickup
- Fines Saver Pans
- Fast Core Formation
- Up to 1500 lb. Bales
- NH Dependability & Service

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NEW HOLLAND

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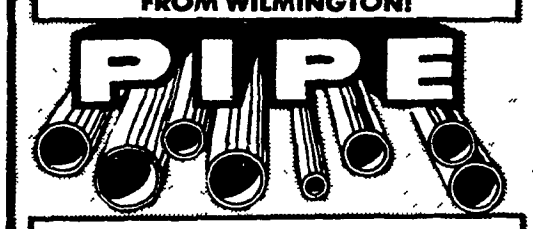

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Badger | JOHN DEERE | HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS
JD 2510 Gas
MF 65 Gas
David Brown 990 Diesel
JD 1010 Crawler w/Blade
IH 340 New Tires & Paint
JD 1020 Diesel
Oliver 1550 Diesel
Ford 8N
Oliver 70
JD 70 Skid Loader

FORAGE EQUIPMENT
NH 717 w/2 Row Head
NH 880 Harvester NO Head
Gehl Forage Wagon
Badger Tandem Forage Wagon

TILLAGE EQUIPMENT
JD 2450 7 Btm. Plow
JD F-145 5 Btm. Plow
JD 845 3 Btm. 2 Way Plow
JD 10 KBA Disk
10' Culta Packer
12' Culta Packer
Ontario Grain Drill

MISC EQUIPMENT
JD 146 Loader Like New
JD Grapple Fork for 146 Loader
Woods 10' Rotary
Woods R.M. 48 Rotary 3 pt
Haban Corn Sheller 3 pt
JD #54 Rotary Like New
Sauder Loader Like New

NEW EQUIPMENT SPECIAL
Hesston 2000 100 Harvester w/2 Row Head, w/Hydraulic Sharpener
$7500

OTHER NEW EQUIPMENT
1710 11' Mulch Tiller $5500.00
Landoll 7 Shank Tiller $5150.00
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Berks County's Full Line John Deere Dealer-
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Category II 3 pt. Hookup, 10 ft. with 10 32" Shanks, w/Twisted Shovels, Ga. Wheel Kit...
Special **$1975**

NEW FORD MODEL 142 PLOW

3/16" 3 pt. Mtd. Hitch, Category II Pins, 30" High Pivot Spring Trip Beams, 15" Ga. Wheel, with 18" Spring, Mtd. Coulters & Cover Boards
$1,445

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OVER 190 TRACTORS SOLD THIS YEAR

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PHONE:
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TRACTORS

FARMALL TRACTORS

1086 ROPS - Nice $11,900
100 Hydro w/Rops $7650
H $650
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Cub w/Rotary Mower & Cult. $2350
656D $5950
M - Live Hyd $1450
464 w/Loader 800 Hours . . . $7950

JOHN DEERE

60 w/NI Mounted Picker . . . $3000
4430 Cab - Air - Syncro . . . $15,900
4520 - Nice $8400
4320 ROPS - WTS $11,900
4320 . . . . . $10,900
5010 . . . . . $6300
820 - 2 Cylinder $3000
3020 Powershift $5975
4020 - Side Console $8900
A - New Paint $950

CASE

1370 - 20.8x38's $8100
1070 Cab - PS $6900
830 CK $3100
VAC - Nice $1250
580 CK w/Loader & 3 pt. . . . $5650

LONG

310 - New $5900
310C - New $5900
560 4 WD $4950
510 4 WD - New $11,500
560 4 WD $3300
550 . . . . . $2800

MASSEY FERGUSON TRACTORS

1105 . . . . . $7900
175D $5700
1130 . . . . . $6500
180 - Gas $4850
85D $3950
40 w/Sickle Mower & Cab - Nice $5950
44 Gas $695
50 Gas - Utility - PS - Nice . . $3500

ALLIS CHALMERS

D21 w/Cab - Nice $7500
220 . . . . . $8500
(2) G w/Asst. Tools $1500 to $2000

OLIVER

1855 - Cab - 1700 Hrs. $9800
1650 - Nice $4950

FORD

6600 - Nice $8900
5600 - 1977 Model $7900
2000 w/Mower - Nice $3900
NAA $2750
8N w/Clock $1675
600 w/Loader - Nice $3750
8000 . . . . . $4900

"9" 4 WHEEL DRIVE TRACTORS From 50 HP to 225 HP

MF 1805 - Cab - Air - 3 pt PTO - Duals - Nice $19,500
Ford County 6 - 3 Pt PTO . . . $5900
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IH 4166 - Cab - Air - 3 pt - PTO - Nice $11,750
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Long 560 - 3 pt & PTO - Spider $4950
Long 560 - 3 pt & PTO $3300
Ford Major 4WD $3750
4WD Unit to Fit IH $1200
4WD Unit to Fit Oliver $2500
Case 1200 - 3 pt - PTO Cab $7500

BEST PRICES AROUND ON WAGON GEAR'S

ALL ON 15" RIMS

6 Ton - Standard $395
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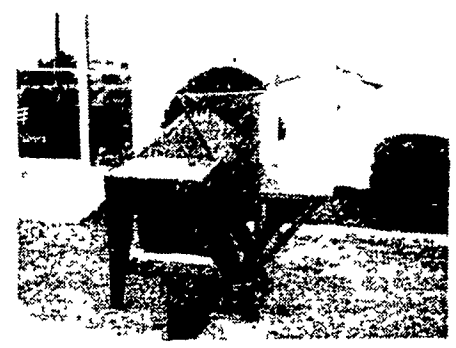
10 Ton - QL Tounge - 8" Rims $595
12 Ton - QL Tounge - 10" Rims $875
11 Ton Tandem - QL Tounge - 8" Rims $875



"NEW" 3 Pt. - PTO - WOODSAW
30" BLADE
ONLY $495.00

TRACTORS - MECHANICS SPECIALS

Farmall 806D $3950
(2) Farmall 706 . . . . . $3450
JD 4020D $5250
Oliver 1750 . . . . . $3500
AC WD45 w/2X Picker $2350
MF 180D $2800

CONSTRUCTION EQUIPMENT

CRAWLER DOZERS

Cat D8 . . . . . $1500
JD 450 6 way As Is $4800

BACKHOES

Long 3 pt. Hoe-new $3900
Long 5 in 1 w/cab $15,900
3 Pt. Backhoe . . $2400
Case Hoe Attach . . . $700-$1700
JD 310 w/cab $12,500
JD 93 Hoe Attach $2900
IH 3800 - 4WD w/Cab $8950

MISC. CONSTRUCTION

JD 440A Skidder $8950
(40) Used hoe buckets . . . From $150
(25) Loader buckets . . . . From $95
(30) Set forklift forks . . . . . From $300
(6) Winches . . . . . Call
Adams Grader . $1750
(2) Huber Maintainer $2500 & Up
Michigan 75 4WD Loader Diesel . . $5900

TRAILERS

1969 Great Dane 35 ton detachable . . $14,750
New 2X 4 Ton . . $1350
New 3x6 Ton . . . $2000
New 3x5 Ton . . . $1750

CRAWLER LOADERS

Cat 941 . . . . . $14,900
Cat 933 . . . . . $7900
JD 350 . . . . . $6900
IH T6 . . . . . $2900
AC HD6 . . . . . $4900

TRUCK TRACTOR

1974 Ford Louisville Diesel $7450
1979 GMC Cab Over $17,900
1970 White $2950

CONSTRUCTION DUMPS

(2) 1974 IH & Ford Diesels w/9' Bodies - Air Brakes . . . $10,500

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- Fordson, Running w/New Rubber $1800
- Farmall "F20" w/Loader,, 1939, 1 Owner, Original $1000
- JD "L", Running, 1 Row $1000
- JD "H", Not Running, Hand Crank $850
- JD "A", Styled, Hand Start, Nice $950
- Oliver "70" w/Loader, Runs $875
- JD "A" Unstyled . . . . . Coming In

NI UNI SYSTEMS

701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
710 Combine Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
760 Chopper
717 Combine

RAKES

MF-NH-JD

CULTIMULCHERS

10'-12'-14'-16'

WINTER SPECIAL

Used Tire Chains

HARVESTERS

NH 890 - Nice
NH 717 & Super 717
JD 25-35
Fox & AC
1 Row to 3 Row Cornheads
Direct Cut Heads
Pickup Attachments
Fox Flail Head
Snapper Heads For: NH Fox - JD

NEW EQUIPMENT SPECIALS

6' 3 pt Scraper Blades $195
7' 3 pt. Scraper Blades $250
8' 3 pt. Scraper Blades . $350 & $795
Landscape Boxes . . . . $450& up
6'6" 3 pt. Disc's . $500
Spike Harrows . $500-$600
3 pt. Fert. Seeders $350
Round Bale Feeders $145
3 pt Boom Poles $49
3 pt. P.T.O. Wood Saws $495
3 pt. 9" P.H Digger $450
165 Bu Gravity Boxes $465
210 Bu. Gravity Boxes $565
5' 3 pt. Rotary Mower $495

CORNPLANTERS

1 Row to 8 Row
JD-AC-IH-Ford

CULTIVATORS

1 Row to 4 Row
Lots of Makes And Models

SKID LOADERS

OMC 1200, 1976 . . . . . $3900
OMC 1700 Diesel $5900
Ford 340, 1973 $3500

COMBINE CORN HEADS

NARROW ROW
IH 833-743-733-429 -329-863-327
JD 643-443-434-334 -313-335
AC 630-430-330
Oliver 703N-531-541
MF 63-43-33-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30

WIDE ROW
IH 744-429-329-327-724-229-228-227-25-22-844
JD 434-334-234-210-205-10-344-244-444
AC 440-435-240-238
Oliver 544-531-522-512-
MF 44-24-422-322-222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

CORNSHELLERS

JD #6 . . . . . $1500
MM 1200 . . . $3800-$4500
JD 43 - 3 Pt. $875

COMBINES

JD 7700 D - Fire Damage $7200
JD 4400 - Nice - Rotary Screen $13,700
JD 55 SB $5200
JD 45 SB w/2 Hds. $5700
MF Super 35 . . . $4950
IH 82 Pull Type . $3500

GRINDER MIXERS

Gehl - Nice $3450
NH 354 - Nice . . $3850
NH 352 . . . . . $1500

HAYBINES

NH 479
(2) NI Cut ditioners

STACK MOVERS

Hesston 10W & 30
JD 200

DRILLS

JD & IH
15 to 21 Disc

NEW DISC'S

3 Pt. - New & Used
Wheel Type From 8' to 24'
Offsets From 10' to 16'

CABS

New & Used $495 & Up
Tractors & Combine Rollbars . . . $200 & Up
Cab Coolers $500

BALERS

NH - MF - IH

CORNPICKERS

(2) NI 323 1 Row . . . . . $2500 Each
NI 324 12 Roll $3900
NI 319 12 Roll $2000
NI 305 8 Roll $1250
NI 325 Sheller $2500
NI 311 Sheller $1500
NI 331 . . . . . $1500
Woods 1X Pull - Nice $695
Ford (Blue) 2X MTD $1350
Extra Sheller Units
Extra Grinder Units
JD 60 w/NI 2 Row Mtd. $3000
NI #7 1 Row Pull $695
JD #18 1 Row Pull $695

DUALS

New & Used
All Sizes

ELEVATORS

32' to 40' - $695 & Up
NH Mow Conveyors
Belt Conveyors
Corn Drag $395

LOADERS

Good Asst.
All Used

PLOWS

1 Bottom to 7 Bottom
All Makes - Some Resets

MISC. MACHINERY

Rotary Hoes
Lely 13' Roterra
4' to 10' Snow Plows
Post Hole Diggers
Lime Drills
Potato Plows
1X & 2X Potato Diggers
GT 270 Dryer
Mc 600 Dryer
(2) Gehl 72 Flail Choppers

MANURE SPREADERS

NH - NI - IH Single Axle . . . . . $395 & Up
NH Tandem Axle $2850

WAGONS

6-8-10-11-12 Ton Gears . . $395 & Up
New Bale Bodies $495
New 16' Feeder Rack $595
Used 18' Feeder Rack & Gear . . $595
Used Bale Body & Gear $595
Used Bin Wagons . . . . . $695 & Up
Self Unloading Wagons . . . $795 & Up

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FOR SALE
8 KW PTO generator on wheels, $950
'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel PS, $9500.
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SEE THE NEW HESSTON TRACTOR LINE 40 to 160 HP

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Glencoe SS 9 Soil Saver $5900
Amco 19' Flex Disc
White 271 23' Disc
12' Rhino Rock Flex Disc $4200
13' 245 Bush Hog Offset 26" Disc $7600
14' 1439 Bush Hog Disc
508 SAR 4X18 Plow

NEW EQUIPMENT
NI 802 Uni w/Harvester
NI 717 Combine

USED TRACTORS
JD 2510 Gas
White 2-135, 450 hrs.
IH 706 Gas
IH 350
Oliver 1600
Oliver 1850 w/cab
Ford 8N
Ford 881

Used Hesston 4800 Big Square Baler $25,000

USED HARVESTERS
MF 510 Dsl. Combine w/13' Soybean Head
Fox Max 1, 3 row head & pickup
Fox Super D2R Head & Pickup
Fox 3310
Fox 3000
Fox 299 80" Flail Head
Field Queen Side Dump w/Det. engine, 3R Head & Pickup
JD 3800
Gehl 600
NH 890, Like New

USED EQUIPMENT
NI 710 Combine
NI 725 3R Head
Brady 12' Shredder
Oliver 253 13' Disc
IH 27 10' Disc
IH 55 12' Chisel Plow
Arps 70' hvy. duty hyd. Angle Blade
Lely Double Wheel Rake 18 ft.
JD 1240 Planter
IH 400 4R Planter
Hesston Stackhand #10
NH 26 Blower
Farmhand Recutter Blower
NH 489 Haybine
Hesston 1014, 12 Ft. Hydro Swing Windrower
Bush Hog 24' Soil Finisher
Glencoe 13 Shank Soil Saver
NH 442 Disc Mower
Woods 20' Bat Wing
NI Side Dump Wagon
Dion Fg. Wagon 3 btr. & roof
IH 51 wagon. 3 btr. & roof
NI 270 Cut Ditioner

STOLTZFUS FARM SERVICE
Cochranville, Pa.
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DEMO
3000 GALLON BADGER LIQUID MANURE TANK SPREADER
List $10,018 SALE **$5,450**

EQUIPMENT FOR SALE OR LEASE
BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
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Also:
Registered Holstein Bulls

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New Equipment
AC 5050, 50 hp, $11,900
AC 2317 17' wing fold disc, $6,500
Dion forage box, 3 beaters, roof, 10 ton gear, 11-L 8 ply tires, $5,500
34' Little Giant elevator, $1,800
7' rear blade, $325
10' AC chisel plow, $2,500

Used Equipment
1979 IH Cub tractor, plows and cultivators, like new $3,500
AC 200 tractor, 96 hp, exc. shape, $13,500
AC 175 tractor, gas, exc. shape, $7,600
AC 170 tractor, diesel
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All prices F.O.B. Bloomsburg, PA

Nichols Farm Equipment
2 mi. south of Jerseytown on Rt. 44
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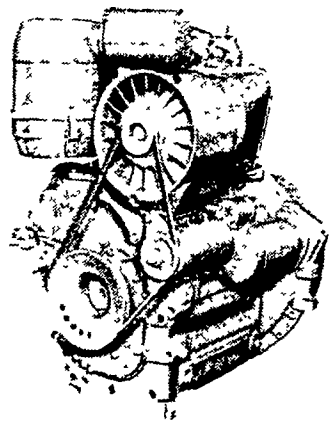
NO. 1 DAIRYING DIESEL



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EASIER STARTING: Heavy flywheel provides easy starting. No electric heater plugs.
QUIETER: Runs quieter than most water cooled diesels. Very quiet exhaust.
F2L-912 SPECS: 22 Hp @ 1500 RPM
27 Hp @ 1800 RPM
34 Hp @ 2300 RPM

It has direct injection, lube oil cooling, and oil cooled pistons. This engine has proven to survive the extreme heat of a heavy load in a small engine house better than any other engine.

PLUS - FAMOUS DEUTZ FUEL ECONOMY

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AVCO VM Diesel
ADAPTABLE TO MOST APPLICATIONS

WISCONSIN ENGINES
Sales and Service

USED TRACTORS
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- 770 Oliver, Gas $1550
- 8N Ford, Nice $1750

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1 Mile North of Bird-in-Hand
8 Miles East of Lancaster
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MF Massey Ferguson

FIELD QUEEN FORAGE HARVESTERS

GOOD USED EQUIPMENT

Tractors
MF 265 low hours
Oliver 660 gas
Farmall 450 diesel
MF 1130
Farmall 460 gas
MF 205-4 diesel
MF 2705 cab

Loaders
Gehl HL 2500
Gehl HL 2600
Gehl HL 4400
Sauder to fit JD 2010
MF 235 to fit 180
Kelly 600 to fit 165 and 175
NI to fit JD
Gehl HL 4400 Diesel
Gehl HL 4600

Corn Heads
AC 430 4 row 30"
Hesston 2 row 34"
Hesston 2 row 38"
MF 24
MF 44
JD 244
JD 234
Gehl TR600
Gehl TR680
Gehl CA670
NH 3 row snapper head fits 1890-1895
Field Queen 3 rw. wide

Mower Conditioners
NI 299, used 2 yr.
Hesston 1090
JD 1209

Harvesting
M & W 250 Grain Dryer
Ih 93 8'
IH 203 10'
MF 300 w/cab
NI cornpicker 2 rw. wide

NEW EQUIPMENT
FIELD READY
Hesston 7650 SP
Gehl CB 750

Longenecker's, Inc.
At Clappertown Williamsburg, PA
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Ford Tractors Equipment

FORD TRACTORS
New TW 20 w/cab, 4wd, air
New 7700 w/cab, air
New 6600

NEW HOLLAND
New TR70 Combine w/ cab, air, heater, w/ cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
962 N4 corn head
Used 13' NH grain head w/hume reel
New NH harvesters - 707, 718, 782
New NH 892 w/metal detector
New L35 gas, L55 diesel, L775 diesel skid loaders
Used 469 NH haybine
Used 479 NH haybine

SPERRY NEW HOLLAND

AVCO NEW IDEA

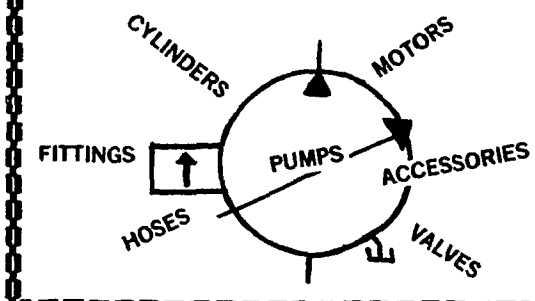
NEW IDEA
New 456 large round baler $7500
New 299 9'3" mow ditioner $4000
NI 404 and 406 rakes
NI 323 one row corn pickers

Used IH 550 harvester w/pickup head and 2 row corn head

New & Used Equip.
3F Oliver rollover plow
Farmall 886 D w/ROPS, 460 hrs.
IH 990 mower conditioner
NH #461 mower conditioner
#50 IH stalk shredder
Farmall 986 D w/cab, approx. 1275 hrs.
NI #323 cornpickers, new. Call for price.
JD model 105 combine w/4 row wide head, w/6 row narrow & w/13' grain head, nice.
IH 715 Hydro combine w/860 hours, real sharp

L.L. ECKROTH FARM EQUIPMENT, INC.
RD2, New Ringgold, PA
717-943-2367

HYDRAULICS



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Let us do your trouble shooting and system designing
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11 G.P.M. 2 Stage Pump $118.50
15 G.P.M. 2 Stage Pump $163.00
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Automatic Valve $69.00
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UPS Service (717-656-2846)

Dismantling Combines for parts over 150 all makes and models.
Call before you come.
Late IH 815 & Gleaner L

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 Uni tractor, NI Uni - 705D (ear corn unit), Case 800 & 660, combine & shellers.

TRACTORS
IH 560 gas, plain
IH wide front, fits 706, 806, 756 & 856
Farmall H
AC B w/plows and 1 rw. cultivator
Ford 901 PS/3 pt. new tires
IH 240 w/fast hitch, $1,350
IH 560 Diesel
Wide front end to fit MF 85

COMBINES
Oliver 525 w/cab, corn and 11' grain heads

PICKERS
MF 12' chisel plow
Grayham 8' chisel plow
IH 5 btm. plow
IH 1300 3 pt. balanced head mower
JD #76 tank spreader
IH 12' 370 disk
2 Woods Brothers
NI 7 picker
NI 300 2R pull picker
NH wagon w/220 gravity box

CORN HEADS
NI uni 2 row
MF 3 rw. 30" corn head
NI 738 4 rw. 30" corn head $2475
JD 47 loader, $225

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts
JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD, Oliver 70 & 77. Ford 8N. Case SC & V.A.C. Massey 44D, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.
Dismantling 50 pickers for parts

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NEW LEADER Lime & Fertilizer Spreaders
HI-WAY Cinder Spreaders - All Types
FRINK & VALK Snow Plows

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P.O. Box 217, R.D. #3
Annville, Pa. 17003
Phone 717-867-4631

JOHN DEERE *Nothing runs like a Deere*

THIS WEEK'S SPECIAL

(Demo)
JD 2940 Tractor
Call For Price
No Finance Charge Till June 1, 1983
Used 6600 JD Combine w/13' Grain Head and 4 RN Corn Heads

USED TRACTORS
Case 970 w/Cab & Air
JD 2840
JD 50
Farmall A w/Cultv, Plow & Pulley

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 246
JD 7000 4 R Wide

USED HAY & FORAGE EQUIPMENT
JD 6600 Combine w/Grain Platform & 4RN Corn Head
JD 3940 Harvester w/Electric Controls
Fox 2200 Fg. Harv. w/2 heads
NH 717 Harvester w/Corn & Hay Pickup
NH 3RN Corn Head
JD 244 Snapper Head for Fg. Harvester
JD 3RW Corn Head
NH 1002 Bale Wagon
JD 24T Baler
NH 271 & 269 Balers w/Throwers
JD 24T Baler
JD 14T w/Thrower
JD Hay Crimper
Hesston 1010 Swing Tongue.
OMC #216 9' Mower Cond.
JD 15A Chopper
NH #33 Crop Chopper
NH 27 Blower
NH 56 Rake
(2) JD 216 Fg. Wagons w/Tandem Axle

USED TILLAGE
IH 13' Transp. Disc
Pittsburgh 12' Transport Disc.
IH 4B Spring Reset Plow

MISCELLANEOUS
Oliver Fertilizer Spreader
15 HP 3 phase elec. Grain Dryer Motor
NH 352 Grinder Mixer
(2) Badger Wagons w/3 btr., roof & 6 whls.

NEW TRACTORS
JD 4250 SQ MFD 15 SP, PS, Trans.
JD 2040
JD 2550
JD 2640
JD 2940
JD 2940 SG

NEW HAY & FORAGE EQUIPMENT
JD 5720 SP Forage Harvester
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvester
JD 506 Gyamor Mower
JD 327, 337 & 347 Balers
NH 311 & 320 Balers
NH 847 & 851 Round Balers
NH 489, 495 & 1495 Haybines
JD 670 Rake
JD 660 Rake
NH #8 Fg. Wagon
JD 714 Fg. Wagon
H&S Fg. Wagon
H&S Bale Wagon

NEW PLANTERS
JD 7000 4 & 6 Row Consv.

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
JD 1600 Chisel Plow
JD. 115 & 215 Disc Harrows
JD 215 Dura-Cushion Disc Harrow
Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS
Bobcat 743

NEW SPREADERS
NH 519
Martin V Type & Scavenger
H&S #295 Spreaders

NEW DRILLS
JD 8200 18x7

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades

No Finance Charge On JD New & Used Hay Equipment Until May 1, 1983

No Finance Charge on NH Hay and Forage Equipment till July 1, 1983

No Finance Charge on new and used JD tractors until March 1, 1983

Store Hours
Mon., thur. Fri. 7:30 to 4:30
Sat. 8:00 to 12:00

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat SPERRY NEW HOLLAND

VAN DALE

- **Van Dale Products**
  - All New Magna-Trac Ring Drive
  - Silo Unloaders 10' - 30' New & Rebuilt
  - Bunk Feeders - Belt, Auger and Shaker
  - Conveyors - Auger & Single Chain
- **T.M.R. Van Dale Mixer-Feeders - 4 Auger**
  - Truck Mounts
  - Trailer Mounts
  - Stationary Units
  - 40 Cows to 400 Cows
- **Liquid Manure Spreaders**
  - 1500 Gal to 4500 Gal.
  - Soil Injectors
- **Liquid Manure Pumps**
  - Agitator-Filler
  - Centrifugal
  - Lagoon
- **Uebler Electric Forage & Grain Carts**
- **Uebler 810 Gas Cart**
- **Uebler TMR Forage Carts**
- **Red Top Stainless Steel Trough Cattle Waterers**
- **Sollenberger Poured Concrete Silos Top or Bottom Unloading**
- **Double Chain Wood Conveyors w/Slip Clutch & ¾" Bottom**
- **Taper Board Feeders & Belt Feeders**
- **Circle Feed Supplement Bins**
- **Hedlund Vaughan Chopper Pumps**
- **Leasing Available**

Sales & Service

K & S INC.
RD 1 Quarryville, PA 17566
PH: 717-284-3111

USED EQUIPMENT

TRACTORS:
IH 574 D Row crop - $8,500
IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice - $18,500
JD 4520, 20.8x38 Radials, No Cab - $12,500
606 Diesel Utility, 3 pt. - $4,900
IH 560 Gas, 400 Gas
IH 350 Farmall, PS
IH 460D, Utility - $1,800 as is
IH 544 Gas w/2000 Loader - $6,500
(2) Farmall M
MF TO-30 w/Turf Tires
MF TO-30 w/Ag Tires
Leyland 154 Gas w/Turf Tires

COMBINES:
915 Combine, Low Hours, Like New
844 Cornhead, Like New
810 13' Cutter Bar
MF 410 Gas, w/34 Cornhead & 13' Platform
KKS Gleaner, 10' Platform, 2 Row Corn head, like new
FKS Gleaner Diesel 4 Row Wide, 12' Platform
- 11.9% Financing Available

TILLAGE:
JD 111 10 ft. Disk Harrow, Like New
IH 470 Disc Harrow, 15' Folding, 7½" Spacing
IH 760 14' Offset Disc
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
IH 370, 350, 37, 35 In Various Sizes
Cub 2-Way Plow
Oliver 4-Bot. Semi-Mtd. Plow
IH 531 3 pt. 3 Bot. Plow
IH 550 5-Bot. 16" Semi Mtd. Plow
MF 3 pt. Mtd., 3 Bot. Auto Reset Plow
Dunham 8 Shank 3 pt. Chisel

PLANTERS:
(2) IH 56 4-Row Planters
4 & 6 Row Cyclos, Field Ready!
IH 4-Row Front Mtd. Cultivator-Late Model
JD FBB 17x7 Comb. Single Disc, Good Shape!
JD 3 pt. 4-Row Wide Cultivator
JD FBB 17x7 DD
IH No. 10 13x7 Plain Drill
IH No. 10 16x7 Single Disc, Comb., Hyd. Lift
IH No. 10 16x7 Single Disc, Comb.
Oliver 24x6 Combination Drill
MF 13x7 Comb. Drill
Ontario 16x7DD Plain, Late Model
IH 510 18x7 DD, Plain Drill

IH 315 Hydro (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 205 w/227 Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203
Straw Chopper for Gleaner M
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

HAY & FORAGE EQUIPMENT:
MC 60 2-Row Shredder, Like New
IH 990 Mower Conditioner, 9', Steel Rolls, Very Nice Cond.
LAMCO Forage Wagon
#5 Flail Chopper, Real Nice!
#8 Flail Chopper, Like New
33 NH Flail Chopper
JD 115 Forage Wagon
Gehl FBB 88 Blower
Gehl FBB 99 Blower
Badger TA-54 Blower, Like New
38 JD Chopper
550 IH Chopper
1014 Hesston Mower Cond.
420T Hesston S.P.
NH 479 Haybine
NH 280 Baler with Thrower - Like New!
JD 894 Rake
IH 430 Baler w/Thrower

TRUCKS:
IH 4x4 — "As Is" — Good Farm Truck - $800

MATERIALS HANDLING:
Century 300 Gal. Sprayer
Hansen 300 Gal. Sprayer, 42 Ft. Booms
157 Hawk Bilt Spreader - $995
Int. 540 w/End Gate - Was $1995 Now $1395

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
Ph: (215) 367-2169
Daily 7 to 5
Sat. 7 to 3

MF Massey Ferguson

NEW EQUIPMENT IN STOCK

MF 540 diesel combine
MF 860 diesel combine, hydro
MF 1144 corn head
MF 1163 corn head
MF 13' table
MF 15' table w/floating cutter bar
MF 13' Ull reel
MF 15' Ull reel
MF 520 disk, 22" 12' scraper
Glencoe soil saver $4,950

USED EQUIPMENT

MF 235 diesel tractor
MF 165 diesel tractor
MF 760 combine 16' Corn & grain head
MF 300 gas combine w/2 row corn head & 13' grain head
MF 510 diesel combine
MF 550 combine w/13' table & 43 corn head, 200 hrs.
MF 24, 33, 43, 44 corn heads
Heavy duty front end loader for a Ford or Ferguson, excellent condition.
Ford 9N gas tractor
NH 962 4 row wide corn head

Renting skid steer loaders.

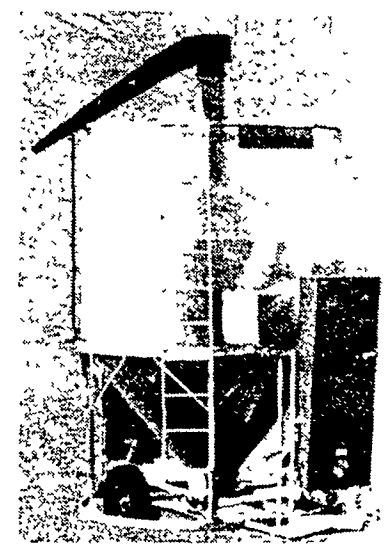
Radio Dispatched Service On All Makes Of Equipment

Large Inventory of New & Used Equipment

ABRACZINSKAS Farm Equipment, Inc.
RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

MORIDGE GRAIN DRYERS

Dry all types of grain... Corn, Wheat, Soybeans, Milo, Rice, Barley, Flax, Sunflower and Rape seed, and many others.



Capacity: 275 bushel

FEATURING:

- Modulating temperature control varies amount of heat according to **grain** temperature, rather than air temperature.
- Manually set timer controls length of drying time.
- Center recirculating auger and loading auger are telescoping shaft and gear box driven. Only the fan is belt driven.
- Tractor P.T.O. speed of only 400 to 420 r.p.m.
- Tractor P.T.O. speed may be increased for load-unload cycles.

Special...One Only

MORIDGE MODEL 275 GRAIN DRYER
List Price....$7,875.00

Pick Up At Our Location . . . **$6,800.00**

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden St., Richland, PA 17087
(717) 866-7518

TRACTORS
Ford 4500 loader backhoe
Ford 8N loader backhoe
Ford 7000 w/Load Monitor
Ford 5600 low hrs.
Ford 5000 D Dual Power
Ford 4200 00 D SOS
Ford 4000 SU w/roll bar
Ford 3400 w/Loader
Ford 3000 G 8 Speed
Ford NAA Hi-Lo Trans.
Ford 901 w/2R Picker
Ford 800 PS
IH 666 D WFE
IH 504 G, 3 pt.
IH 454 Dsl.
IH M w/PS
IH Cub w/mower
AC 5040
AC 160D
AC D17G Ser. IV
AC B w/Equip.
AC G w/equip.
MF 235 G, PS
MF 135 G Live PTO
Ferguson 30 w/Loader
Oliver 77 w/hydraulics
Oliver 70 w/cultivators
Oliver 660 w/hydraulics
JD 3010 Diesel
JD 2640 WFE
JD 2510D
JD 2010 Gas
JD B w/cultivators
Satoh w/Woods mower
MH Pony w/cults.

EQUIPMENT
NI 323 Picker
IH 2 MH Picker
Ford Post Hole Digger
JD Flail Mower
JD 115 Wagon
NH Flail Chopper
MF 33 Grain Drill
NH 477 Haybine
JD #34 Chopper

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

---

case

Used TR 70 NH Combine w/6 row head and 13' grain head, fully equipped, 1,000 hrs. good cond. $32,500 cash price

890 Harvester w/2 row narrow corn head. $4000

Oliver 55 Tractor w/Heavy Duty Loader $2695

John Deere 4320 Tractor in good cond.

Hesston PT 10 Haybine, Real Good

New Idea Blower, real good cond.

NH #27 Blower, good shape.

New 3 pt. or pull type 12' Lever Harrow $800

New Athens 12' Disc Harrow $5,000

New 8' Dunham chisel plow $1695

Plus
Used Haybines, Manure Spreaders, and other good used equipment available.
Check with Ted on New Holland FREE FINANCE arrangements

Paul Shover's Inc.
35 E. Willow Street
Carlisle, PA
717-243-2686

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

USED EQUIPMENT
JD 2640 Diesel Tractor w/146 Loader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 727 rotary mower
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
JD 485 mower conditioner
JD 3800 Chopper
JD 2450-6 Btm. on Land Hitch Plow
Oliver 5x16 Plow

NEW EQUIPMENT
JD 7100 8-row 20" bean planter
JD 215 Disk
JD 2450-7B-16" On Land Hitch Plow

OTHER LINES NEW EQUIPMENT
NH 315 Baler w/ejector
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)
Ceco Farm Buildings

J.S. COVERT & SONS
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT
5088
3288 w/air
584 RC
284D
1420 combine
370 disc
401 harrow 12'
720 plow 4 btm.
2250 loader
45 vibre shank
4500 vibre shank
41 cultimulchers Dunham Lehr
40 cultimulchers Dunham Lehr
40 cultimulchers Dunham Lehr
1302 Holland transplanter
Gyrostar, tedder and rake
M-5 Woods mower
Woods scraper blades
445 Utah potato harvester
Hesston 245

USED EQUIPMENT
NH 479 mower cond.
Farmall 656D
2 Super C's
IH 574
Super AV
IH potato planter
IH 455 corn planter
45 vibre shank
Haines bulk bodies
Mayrath auger 6"x27'
1500 Schwartz loader
Meyers 400 gal. spray
Troyer elevator
100" Howard rototiller
800 Workmaster loader
JD 2 row potato digger
Lockwood 2 rw. potato harvester
Owatona self-propelled windrower Model 25G, 10'
Owatona self-propelled windrower Model 30, 10', w/crimper rolls

USED EQUIPMENT
IH 3200A, Skid Steer Loader
NH Skid Steer Loader

NEW EQUIPMENT
SPERRY NEW HOLLAND
310 baler
488 mower cond.
519 spreader
442 disc mower
258 rake
256 rake
782 harvester

FALL SPECIALS
Hydro 84 Row Crop
720 5 btm. auto reset plow 18"
770 deep till disk 13'9" $6895
L445 NH Loader

RD 1, Ringtown, PA
717-889-3184
Your Full Service Dealer

WHITE FARM EQUIPMENT · WOODS Division of Hesston Corporation · SPERRY NEW HOLLAND

USED EQUIPMENT

TRACTORS
Oliver 1750
Oliver 1755
Long 350

HAYTOOLS
NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
NH 68 Baler
Oliver 620 Baler w/Thrower
NH 461 Haybine
NH 469 Haybine
Gehl 880 Mower Conditioner
NH 55 Rake

FORAGE TOOLS
NH Super 717 w/1-Row
NH 707 3 pt. Harvester w/1-Row
IHC 16 w/1-Row & Pickup
Kools KB 60 Blower
JD 15A Crop Chopper
NH 36 Crop Chopper
NH No. 8 Forage Box w/Roof

SPREADERS
NI 212 Spreader
NH 510 Spreader
NH 367 Tank Spreader, LH

TILLAGE - PLANTING
White 5400 Planter
JD 1240 4-Row w/Monitor
Brillion 14' Transport Harrow
IHC 550 5-16 Plow

CORNPICKERS
IHC 2 MH Cornpicker

COMPACT TRACTORS
Kubota B6000 E w/Woods RM 59 Mower
Farmall Cub Lo-Boy

NEW EQUIPMENT IN STOCK

WHITE 2-55 Tractor
WHITE 2-65, 2&4 Wheel Drive
WHITE 2-75 Tractor
WHITE 2-85 Tractor
WHITE 2-88 Tractor
WHITE 2-105 Tractor
WHITE 2-110 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator
NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 Bale Mover
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 Spreaders
NH 363 Tank Spreader
NH TR75 Combine
KUBOTA - All Sizes In Stock
BOBCAT 642 & 743
TYE No Till Drill
GLENCOE 7' Tooth Soil Saver

KUBOTA · bobcat

NORMAN D. CLARK & SON
Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

SPECIAL SALE
JD 6620 combine, 1 year old w/643 head, like new
was $74,400
NOW $66,000

JOHN DEERE
AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

GEAR UP FOR WINTER WITH THESE
USED TRACTORS
AC 7000 Cab & Air, 200 Cab & Air
Ford 3600 w/cab
JD 3020 w/cab
AC D17D w/loader, 160 D w/loader
Ford 821 gas w/loader
AC D17 Gas w/loader
IHC 504 w/loader
Kubota 295 DP w/loader
MF 203 Diesel w/loader

FOR SNOW PLOWING BIG & SMALL TRY ONE OF THESE:
AC 180D, 175, 5040, D19, D17, D15, B
Same Saturna 80 4WD
IHC SMTA w/wide front, 674, 464, 364, 230, 140, Cubs
JD 1520, 420, 60
MF 135 gas & diesel, 30 gas.
MF Industrial 165 w/cab and heavy duty power angle snowblade

LOGGING?
JD 440 A Log Skidder

DIGGING TO DO?
Tractor Loader Backhoes Priced from $2975, a Case 200 gas, a Case 580 gas & JD 300 Diesel

USED FORAGE EQUIPMENT
2 NH 707 3 pt. choppers, 36 flail chopper
Hesston 7020
NH 770, 718, Super 717 - large selection of heads - NH Snapper Heads 770, 1 row, 880-890 2 row
Used Grove & Freeman, Forage Wagons, several used Short hopper Forage blowers and a Farmhand regrinder blower

MANURE SPREADERS
Large selection of used ground drive, Tank and PTO Spreaders & many new ones ready to go
Used NI 245, double beater and NI 243 single beater-both w/hyd. tailgate and floatation tires.
H-M Scavenger II, model 1466, 50' spread pattern, 1340 gal. capacity spreader
Badger 800 gal. liquid manure spreader, good cond.

USED SNOW PLOWS
Large selection for tractor or front end loader mount, several for Pick Ups, snowblowers, 3 pt. large and small, 3 pt. blades
Large selection of new double ring tractor chains

MISCELLANEOUS
2 Used 3 pt. hitch chisel plows, used Bush Hog 10' plowing disc
Used Grain Drills
New and Used Hay & Grain elevators
New Bush Hog 5 ft. 3 pt. hitch mowers $595.00.
3 pt. carryalls, large bale movers
3 pt. hitch, large bale roll-about feeders
Danhuser Post Hole Diggers
JD 2800 4 btm. adjustable spring reset semi-mount plow, very good cond.
IHC 420 baler
12' Brillion roller
Pittsburgh 8' 3 pt. disk
NI cutditioners new & used
Perfect for turning your corn stalks into a soil building mulch - holds moisture - makes spring work easier.

WOOD CUTTERS
New & Used 3 pt. hitch Farmi Winches
Danhuser Wood Splitters
3 pt. Wood Saws

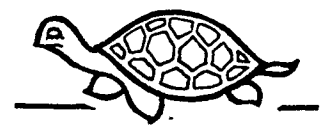
THIS WEEKS SPECIAL
Used 8' Brillion cultipacker seeder w/transport wheels, $1485

FALL SPECIAL
Little Giant Log Splitter LGA
24 Trailer Mounted - 10 Ton Splitting Force
List Price $795.00 - Now $645.00

CORN PICKER SPECIALS
NI 323 1 row Corn Picker, very good condition $3250.00
NI 325 2 row- narrow, $4975.00

MARSHALL MACHINERY, INC.
5 Miles East of Honesdale on Rte. 652
Phone 717-729-7117

DON'T BE SLOW



Call Now To Place Your CLASSIFIED AD
Ph: 717-394-3047 or 717-626-1164

bobcat · POWER KING · IH

USED EQUIPMENT

This Week's Special...
IH F1066D TRACTOR
Cab & Air, Excellent Cond.
Call For Price!

Tractors
Farmall M
Case Model 450 crawler
IH F1066D
IH F400D
IH F544
IH F806D
IH F1256
MF 255
Ford 900
Oliver 70
Oliver 550 w/Loader
IH 300 Utility

Plows
IH 211 2F 16"
IH 311 3F 16"
IH 411 4F
IH 560 Plow
IH 700 6F Auto. Reset
IH No. 8 Trailing
IH 412
3F Trailing Plow
MF 3F 3 pt. Plow
MF 5F 14" Mounted
JD 3 pt. 3F Plow
Ford 5F 18"

Tillage
IH 475 Disk
IH 24 Offset Disc
IH 122 Mtd. Disc Harrow
IH 4500 V.S. 12 Ft.
Lely Power Harrow
JD KBA Disc

Planters & Drills
IH 449 Planter
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 400 Cyclo, 6 row, N
IH 400 Cyclo 4 Row
IH Super C Cultivator
JD 4 Sect. Rot. Hoe
JD 494 Planter
JD 15x7 Drill
JD FB 177B Drill, 17x7
JD 1250 Planter
MF 468 4-R Planter
MF 4 Row Cult.
Ontario 13x7 Drill

Skid Loaders
Case 1530
IH 2000
IH 3200
Bobcat 520
Gehl 2600

Pickers
Oliver 5 Picker

Combines & Cornheads
NI 725 Cornhead
IH 91
IH 127
IH 715 Combine
IH 227 Corn Head
IH 429 Corn Head
IH 744 Corn Head
MF 35 Combine

Hay Machines
IH 46 Baler w/Thrower
IH 10 Bale Thrower
IH 27V Mower
IH Cub 222 Mower
JD 14T Baler
AC 303 Baler
Myers Hay Crusher
NH 3 pt. Mower
NH 282 Baler
NI Mower
NI 290 Mower Conditioner
NI 402 Rake
MF Rake

Forage Equipment
IH 650 Forage Harvester
IH 50 w/PTO Drive
IH 56 Blower
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 16A Flail Chopper
IH 5 Flail Chopper
IH Hay Pickup 550/650
IH Direct Cut 350
AC 780 Harvester
Fox 546 Harvester
NH 717
IH 42 Blower
NH 23 Blower
NH 25 Blower

Lawn & Garden
Power King 2418 Tractor
Power King 42" Snow Blade
IH Cadet 60 Riding Mower
IH 122 Cadet w/mower
Snow Blowers
E.Z. Lawn Vac.
Gravely Sickle Mower
Bolens G10 w/Mower
JD 110 w/Mower and Snow Thrower
Sears 10 HP w/Mower
Snapper Comet riding mower
Ford 145 w/Mower

Miscellaneous
Sauder 7 ft. Snow Blade
IH 1850 Loader
NI 214 Spreader
Waldron Dozer Blade w/IH or JD Mountings
580 Truck Mtd. Spreader
NH 346 Tank Spreader
Winco 1500 Generator
Danuser 8 Ft. Blade 3 pt.
IH 300 Mixer Wagon
Akey M50 Mini Spreader
NI 12A Spreader
Buck Saw

★ WE RENT BOBCAT LOADERS ★

SWOPE & BASHORE, INC.
RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles
N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138
Area Codes 215 & 717
Call Toll Free 1-800-692-7467

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

NEW & USED EQUIPMENT SPECIALS!

New Artsway Forage Box w/3 Beater, 2 Roof & 10 Ton Running Gear $5,195	New 8C Hydra-Mac Skid Steer Loader w/2 Buckets $4,995
New Model 230 McCurdy Gravity Bins $585	New 300 Gal. Century Field Sprayer w/Cent. Pump & Row Boons $2,395

★ **BEHLEN CORN CRIBS** ★

EXL-15 Corn Crib (1684 Bu.) $1,120
FXL.-15 Corn Crib (951 Bu.) SOLD $860

USED HAY EQUIPMENT

2- PT-10 Hesston Haybines
2- 990 Int. Haybines
1 - 1209 JD Haybine
1 - 461 N.H. Haybine
1 - 469 N.H. Haybine
2 - 279 - 9 ft. N.I. Cut/ditioners
1 - 404 N.I. Wheel Rakes
1 - 256 N.H SOLD Rake
1 - Vicon (5 Wheel) Wheel Rake
1 - N.H. 851 Round Baler
1 - 269 N.H. Baler w/Thrower
1 - 268 N.H. Baler w/Thrower
1 - #37 Int. Baler w/Thrower
1 - 8x16 Oak Hay Wagon

USED FORAGE

2 - 38 J.D. Harvesters w/Corn &Pickup Head
1 - 16 I.H. Harvester w/1 Row Head
1 - N.H. #25 Forage Blower
1 - N.H. #27 Forage Blower

TILLAGE

IH 710 (18") Auto. 5 Bottom Plow
11' J.D. KBA Disc Harrow
10' Ford Disc Harrow

USED CORN PICKERS

N.I. 323 Corn Picker
N.I. 324 (2 Row Wide) Picker w/12 Roll Bed
N.I. 319 & 322 Mounted Picker

USED COMBINE & CORN HEADS

Gleaner FKS 2 Hyd. Combine w/13 ft. Header
Gleaner KKS Combine w/10 ft. HDR & 238 Corn Head
Gleaner C Combine w/440 Corn Head
IH 315 Combine w/13' HDR & 2 Row Corn Head
MH 82 SP Combine w/12 ft. HDR
2- MF QT24 Corn Heads (2 Row)

USED UNI EQUIPMENT

(Will Put Together Any Combination)
2 - 702 Diesel Uni Tractors
2 - 702 Gas Uni Tractors
1 - 706D (Diesel) Uni Tractor
1 - 702 Gas Uni Tractor (No Cab)
2 - 717 Uni Combines
2 - 713S Corn Heads
1 - 770 Ear Corn Apt.
1 - 729A Uni Sheller
1 - 710 Uni Combine
1 - 711 Uni Grain Head
1 - 767 Uni Super Chopper
1 - 738 (4 Row Narrow) Corn Head
1 - 844N Corn Head
2 - 766 Pickups
1 - 723 (2 Row) Head
1 - 729 Sheller

USED TRACTORS

A.C. 7020 P.S. w/Cab & Air & Wgts.
A.C. 7000 w/Cab & Air & Rear Wgts.
A.C. 185 w/Wgts.
A.C. 180 w/Wgts.
A.C. 5050 (300 Hr.)
A.C D-15

NEW TRACTORS

A.C. 7060 w/Cab & Air & Wgts.
A.C. 6080 w/Wgts.
A.C. 6060 w/Wgts.

ITCO
Dealer for ITCO Corp.
• Over 9,000 items At Discount Prices

AVCO NEW IDEA | ALLIS-CHALMERS | SPERRY NEW HOLLAND

SHARTLESVILLE FARM SERVICE

RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

WISCONSIN HEAVY DUTY ENGINES

—SPECIALS OF THE MONTH—

- Deutz F2L511 Diesel $2100
- Ford 300 Gas short block $750
- Ford 256 Diesel short block $1050

Wisc. VH4D 30 hp Crank Start Power Unit

w/clutch-reduction $1550
Electric start $1830
Standard shaft $1380

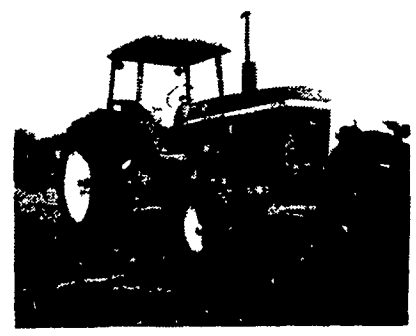
B&S 10 h.p. Cast-Iron $385
Wisc. AENLD 9 h.p. w/cl.-reduction $945

FISHER ENGINE SERVICE

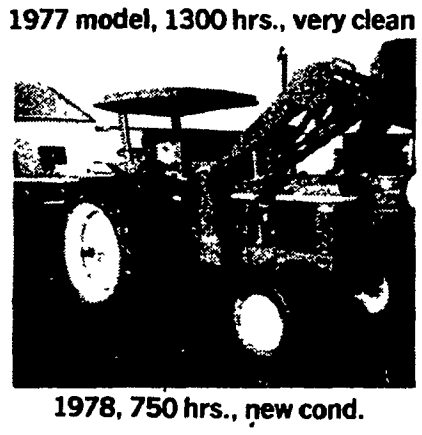
3141 Old Philadelphia Pike
Bird-in-Hand, PA 17505 717-768-3729

USED TRACTORS

JD 4230, 1300 hrs., 1977 model
JD 2040, 180 hrs., 1982 model
JD 2640, 750 hrs., 1978 model
JD 2240
JD 2440 low hrs., available in Jan. '83
JD 430
JD B w/alt.



1977 model, 1300 hrs., very clean



1978, 750 hrs., new cond.

MF 35G
IH 460 G
IH B 414
2 - Farmall H
Satoh Beaver w/48" mower
Satoh Bison w/60" mower
"We Have Approximately 30 Used Lawn Tractors"

TILLAGE

White 271 20' wing fold disc
JD AW 12'
Athens 8', like new
JD 412 2 B Plow
Ford 2B Plow
Brillion 12' roller harrow (like new)

LOADERS

JD 48 for 3020
JD 145
Kelley
JD 46A for 3020
AC Wagon
White air planter, 4R (cheap)
Ford flail mower
JD 40 combine
JD 45 combine, platform & cornhead
JD 45 combine, old model (good)

JOHN DEERE

ROBERT E. LITTLE, INC.

Route 29 and Little Road
Zieglerville, PA 19492
Phone: 215-287-9643

SPERRY NEW HOLLAND

ALLIS-CHALMERS

B & R FARM EQUIPMENT, INC.

R D #1, Box 217A
BEAVERTOWN, PA 17813
Phone 717-658-8175 or 658-8185

NEW MACHINERY

AC FKS Combine	NH 311 Baler
AC 7010 Tractor w/Cab	NH 315 Baler
AC 6080 Tractor	NH 316 Baler
AC 5050 4WD Tractor	NH 80 Bale Fork
AC 6140 4WD Tractor	NH 90 Bale Mower
AC 5020 Tractor	NH 489 Haybine
AC 5015 Tractor	NH 488 Haybine
AC 333 4 Row No-Till w/Air Units	NH 472 Haybine
	NH 256 Rake
AC 330 4 Row Plate Units	NH 258 Rake
	NH 30 Blower
AC 1200 15½ ft. Field Cultivator	NH 8 Forage Box
	NH Wagon Gears
AC 1600 10 ft. Chisel Plow	NH 358 Grinder Mixer
	NH 353 Grinder Mixer
AC 2500 10 ft. Disc.	NH 679 Spreader
NH 851 Auto Rap Baler	NH 519 Spreader
NH 847 Auto Rap Baler	NH 513 Spreader
NH 310 Baler	NH 325 Skid Loader

Full Line Lawn and Garden

USED EQUIPMENT

AC 6068 Tractor	NH 273 Baler w/Thrower
2 AC 175 D Tractors	NH 270 Baler w/Thrower
AC D19 D Tractor	NH 268 Baler w/Thrower
AC D17 G Tractor	JD 400 Grinder Mixer
AC WD45 D Tractor	NH L35 Skid Loader
JD 2030 D w/Loader	NH 7 Forage Box w/Cover
NH 469 Haybine	NH 770 Harvester w/2 Heads
2 Hesston PT10 Mower Conditioner	NH 880 Harvester w/2 heads
NH 36 ft. Elevator w/Motor	
NH 276 Baler w/Thrower	

Check with us on the latest AC & S.N.H. Waiver and Low Interest Rates or Cash Rebates

USED FARM EQUIPMENT

JD 4430 Tractor
JD 2840
JD L Tractor w/plow & cultivators
JD 1450 4x16 semi-mtd. plow
JD 1450 5x16 semi-mtd. plow
MM 32 blade transport disk harrow
Brillion 12' transport spring tooth harrow
IH 440 baler w/thrower, excell. $1895
JD 39 3 pt. sickle bar mower
NI 30' elevator
Cutter 7' front mtd. snow blade
NH 479 haybine
JD 38 harvester w/2 row N. head & hay pickup
MF 110 PTO manure spreader
AC 4 row no till planter
White 5400 6 row N. no-till planter
JD FBB 17x7 grain drill
JD FB 13x7 grain drill
IH 13x7 grain drill
Brillion 11 ft. cultipacker
Brillion 15' packer w/transport attachment
JD 506 3 pt. 5' rotary cutter
JD 307 6' rotary cutter
JD 507 7' rotary cutter
Allied 6' 3 pt. scraper blade $150
JD 444 corn head
JD 6600 sidehill combine w/13 ft. grain head & 4 RW corn head $37,995
Midwest round bale unwinder 3 pt. hitch $595.00.
2 wheel trailer w/side boards

NEW TRACTOR TIRE CHAIN SALE

* 2 Pair 13 6x28	S.P. '215.99
* 1 Pair 13 6/13 9x36 - 13 6x38	S.P. '216.90
* 1 Pair 14 9x26 - 14 9x28	S.P. '199.00
* 1 Pair 14 9x34 15 5x38	S.P. '242.10

* Priced subject to change after stock on hand is sold

NEW FARM EQUIPMENT SPECIALS

	L.P.	S.P.
JD 4440 Tractor		Call For Special Sale Price
JD 2440 Tractor		
JD 1050 Tractor		
JD 90 Skid Steer loader	10,633.00	8495.00
JD 125G Skid Steer loader	16,634	14,300
JD 115 disc harrow 10'	4533.00	3495.00
7 ft. Hay Pickup	3377.00	2995.00
JD 8300 18x7 grain drill	5221.00	4695.00

PAGE

VISA

NEUHAUS'ES INC.

John Deere Sales & Service

RD2, York, PA 17403
Phone - 717-428-1953

FOR SALE

MF 165
MF 150
MF 2805 w/duals
JD 4020
MF 550 combine w/1143 corn head
MF 321 corn head
New Ford SOLD forage harvester, 3 row head, electric controls, same as IH 830 for $7250.

L & M BURKHOLDER

Ephrata, PA.
717-859-2960
717-859-2712

JOHN DEERE

JD 4030 Tractor
JD 4020 Tractor P.S. W.F.
JD 4020 Tractor WF
JD 4020 Side Console
JD 4010 Tractor propane
JD 3020 Gas Tractor
JD 3020 Tractor WF
JD 2640 Tractor w/145 Loader
JD 850 Tractor
JD MT Tractor w/plow, Cultv. and Mower
JD 60 Tractor
JD 60 Tractor
JD A Tractor
Farmall M Tractor
Farmall H Tractor
IHC M Tractor
IHC Super M Tractor
Ford 9N
Ford 1841 Tractor w/loader
Case 530 Backhoe
JD 170 Skid Steer Loader
JD 1209 Mower Conditioner
JD 336 Baler w/ejector
JD 24T Baler w/ejector
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 1240 4R Plateless Corn Planter
JD 1440 No Till Corn Planter
NI 325 2R Corn Picker
JD 3800 Chopper w/2R corn head
JD 35 Chopper w/2R corn head
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD 8250 14x7 Grain Drill
JD FB Grain Drill
JD 8350 18x7 Grain Drill
JD 4400 Combine w/Platform & C.H.
JD 4400 Combine w/444 Corn Head & 13' Platform
JD 7720 Combine w/643 Corn Head & Platform
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
JD 6600 Combine w/15' Platform
Gleaner A Combine
JD 244 Corn Head
JD 709 Rotary Mower
JD 110 Chuck Wagon
JD 115 Chuck Wagon
JD 125 Chuck Wagon
NI 279 Conditioner
JD 2800 6B Plow
JD F145 4B 16" Plow
JD 145 6B Plow
JD 1450 5B Plow
IHC 5B Plow
IHC 6B Plow

ENFIELD EQUIPMENT INC.

Whiteford, MD 21160
Ph: 301-452-5252

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

USED EQUIPMENT

AC 5050 Tractor
AC 190XT Series III Tractor
AC D19 Gas Tractor
AC D17 Dsl. Tractor
AC WD Tractor
AC WD45 Tractor
MF 1085 Tractor
Used Lawn & Garden Tractor w/mowers
NH 489 Haybine
Loader for AC 160
(2) NH #56 Rake
AC Model 90 Pull Type Combine
IH 234 Mtd. Corn Picker to fit 656, 706, 806
L or M #435 Corn Head
Grove Self Unloading Wagon, 3 btr. & roof
Used Century sprayers
NH 275 Baler w/thrower
JD 14T Baler
JD 2010 Backhoe Loader
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT

Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner Combines

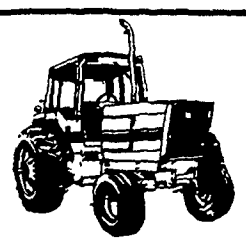
NEW LANDOLL CHISEL PLOW
7 Tooth $5100

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS
INCLUDING THE NEW 8000 SERIES
CALL FOR DISCOUNT PRICES

ASSORTMENT OF AC FARM TOYS IN STOCK

BHM FARM EQUIPMENT INC.
RD1, Annville, PA 717-867-2211
or Bob Gantz Sales 717-653-5020



NEW TRACTORS

IH 584
IH 5088
IH 3288

USED EQUIPMENT

IH 4135 skid loader, 200 hours
IH 886 tractor, low hours
IH 656 diesel hydro
IH 1586 tractor, low hours
IH 806 diesel tractor
Farmall 300, $1,500
2 Farmall M $1,500
IH 574 diesel tractor $8,000
Farmall 460 gas, $3000
Oliver 1650 tractor $4,800
AC WD $1,000
AC gleaner combine model CII 14' grain & 4 row corn head $6000
Oliver combine $700
IH 311 fast hitch plow $350
Oliver 3 furrow plow $400
IH 76 combine $500
IH 455 4 row corn planter $2500
IH 56 corn planter, 4 row $2000
IH 400 Cyclo planter, 4 row, no-till $4200
IH 234 corn picker $2200
IH 125 combine, $400
2- IH 990 mower conditioner, $1500
IH 234 sheller attachment $1325
NH 3 pt. hitch mower $800
Brillion 9' cultipacker $275
JD 12A combine $600
Hawk Bilt manure spreader $650
NH forage harvester $1275
IH 540 plow $1100
1 set of IH 531 plow $450
Oliver 3 furrow plow $300
AC baler $400
IH 370 disc $1800

DOMBACH EQUIPMENT
McAlisterville, Pa. 717-463-2191

USED FARM EQUIPMENT

IH 21x7" soybean special drill w/double disc openers, dual rib press wheels w/depth control, John Blue pump, rear spray tips for herbicide spraying, $4,000
IH 400 Cyclo 4x36" no-till planter w/liquid fertilizer tanks, John Blue pumps for fertilizer and herbicides, Gandy insecticide boxes, $2,000
2 FMC model 5 2 row sweet corn harvesters with a lot of spare parts
100' Badger 12" auger feeder w/heavy duty drive, $500.

F.O. Mitchell & Bro. Inc.
Perryman, MD 21130
301-272-3636 day
301-272-2620 night

NEW EQUIPMENT
WHITE -
2-155 tractor w/cab
2-110 tractor w/cab
2-85 tractor
2-55 tractor
508 5 Bot. SAR Plow
588 5 Bot. SAR Plow
598 6 Bot. SAR Plow

GEHL
FB 99
CB 1000 For. Harv. w/2-Row Corn Attach. & Hay Attach.
3510 Skid Steer Loader
1400 Round Baler (Demo.)

NEW IDEA-
No. 177 41' Elevator
No. 213 Spreader
No. 243 Spreader
No. 244 Spreader
No. 245 Spreader
279 CutDitioner
325 Cornpicker w/327 Husking Unit

New Little Giant Portable Rollaway Elevator

USED EQUIPMENT

FB 88 Gehl blower
Gehl CB 600 Harvester w/2 Row Head
NH 880 Harvester w/3-Row Head
Oliver 252 Disk Harrow 11'6
Gehl 95 Grinder Mixer
Int. Model 51 For. Box, 14 ft.
Gehl 910 For. Box

MILLER EQUIPMENT CO.
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215-845-2911

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S & S SILO REPAIR

Most any kind of stave silo work moving silos, replastering, new and used extensions, new and used roofs and chutes, unloaders, wooden calf hutches, fiberglass feed and silage carts.
Installing silage distributors & fill pipes.

Repair Lancaster Silo distributors, all silo work done from the end of October until the end of June. Will be done at a reduced cost.

We Cover A Wide Area
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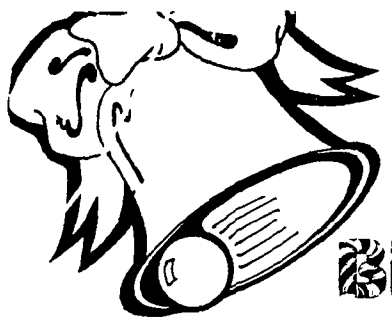


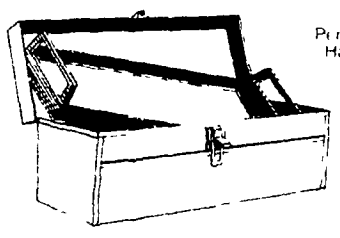
PARTS VALUE OF THE MONTH

CHRISTMAS BELL RINGER SALE!

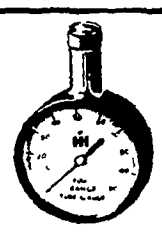
Give Dad the gift of music for his tractor or combine!

AM-FM pushbutton fender mount radio
Just the gift to help make long days in the field seem shorter. Solid state construction for instant play. Rust resistant housing. Big 4 x 8 speaker.

Special Price **$113.95**

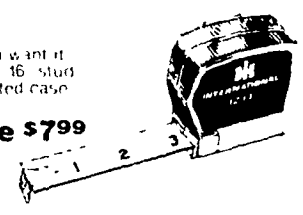


Portable toolbox
Perfect for Dad's tools. Has a hand, tote tray and a low profile to make storage and transport a snap.
19" x 6 x 6
1132 079 R1
Special Price $9.99

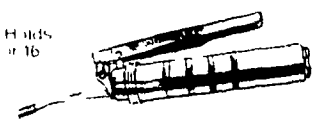


Easy read tire gauge
Helps save fuel and tire wear. Accurately reading of tires filled with air or solution. Checks systems up to 100 psi.
407 388 R1
Special Price $5.95 Save 52¢

12-ft.
Power lock tape
Blade locks where you want it, winds automatically. 16 stud markings. Chrome plated case, belt clip. 999 129 R1
Special Price $7.99
Save $2.34



Lever action grease gun
Reloadable cartridge. Holds 14 oz. cartridge or 16 oz. of bulk grease. Delivers 10,000 psi.
1131 055 R1
Special Price $6.95 Save $1.50



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We handle cutter chains, conveyor chains, sprockets, bags and rebuilt unloaders.
These top quality parts will last as long or longer than originals.
We guarantee it!!
We will install or deliver parts to your farm.
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Early order discounts are on.

Here's an unbeatable deal on Madison "System of Choice" structures.. Madison® silo for corn silage, Madison Nutri-Matic® for medium-moisture haylage and Madison Grain-O-Matic® for high moisture grain. Buy between November 1 & December 31, 1982 for your 1983 needs and save hundreds to thousands of dollars All we ask is that you let us deliver your new Madison structure at our convenience during the fall or winter

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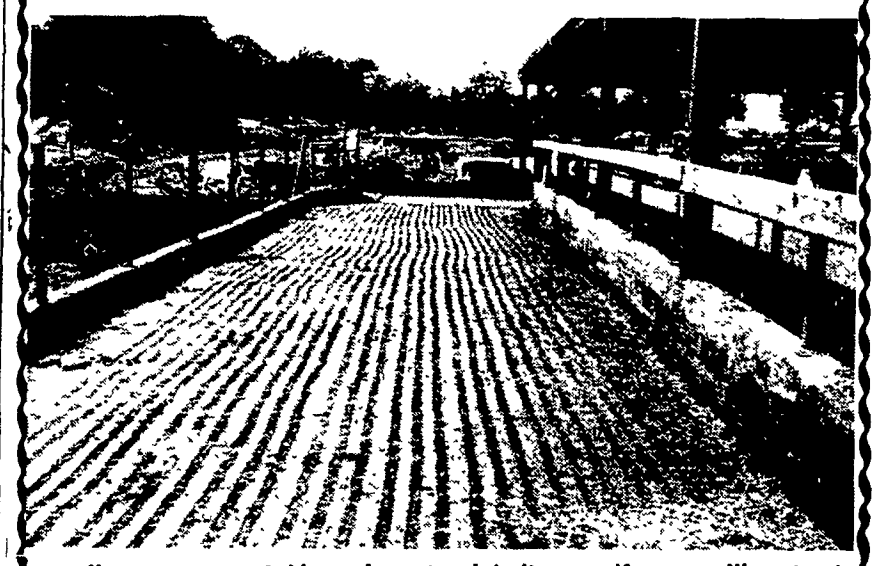
SAVE VALUABLE COWS FROM FALLS ON SLICK CONCRETE

Scabbling has become the most efficient way to end slick concrete problems. Hundreds and hundreds of farmers have found it both effecitve and economical.

We have developed the right equipment at the right price with the know-how to back it up.



Now you can rent this equipment and do it yourself or we will contract to do the job for you. Call us collect for more information.

SUBURBAN RENTALS, INC.
Hagerstown, MD
Please call us Collect (301) 790-1303

Now serving a 10-state area

For Sale - 14' P&D silo unloader, 1 40' taper board feeder, 1 80' feed conveyor, 717-687-8240

60' Clay bunk feeder, rubber belt, 717-423-6722

Silomatic unloader - 10 H.P. motor, 22'-24'-26' 2½ yrs. real good. Phone 717-264-6007 Franklin Co.

For Sale Patz feeder. 717-768-3052

Used 3 yr. old ring drive Silo-Matic, used Patz wheel drive and several used Badger, Marvin J. Horst, 1950 S. Fifth Ave., Lebanon, PA 717-272-0871

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10,000 bu. Stor-Mor grain bin and dryer, $12,000 firm. 717-665-2695

1979 Gooseneck grain trailer, 16', w/deck, new condition. 717-529-6531

For Sale - 2 Agway 1200 bu. corn cribs, best offer. Northumberland Co. 717-758-2136

2 corn cribs, 1200 bu. capacities, call 215-827-7180 between 8:30 and 4:30 weekdays.

GRAIN EQUIPMENT

For Sale - 8" augers, heavy commercial type, 10' and 20' lengths. $5 per ft. 215-845-3178 eves.

Little Giant corn and hay conveyor, clal 215-827-7180 between 8:30 and 4:30 weekdays.

Shivvers continuous flow drying system for sale. Please call 201-329-2765 after 5 p.m.

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Gunite silo relining and repairs
Oxygen limiting silos
Manure storage
Jamesway Barn equipment and a full line of silo accessories

GUNITE Silo Relining & Repairs

Extensive tests have been conducted on Gunite. Below are some of the properties of Gunite:

1. Excellent bonding
2. High Density
3. Extreme strength and hardness
4. High resistance to absorption

The excellent physical properties of the material are due to the water content being only the amount needed to satisfy chemical hydration.

Reseal and re-strengthen your silo with Gunite.

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Terre Hill, PA 17581
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53 Yrs. Sales Serv.

Top Unloading
Bottom Unloading

GRAIN EQUIPMENT

Dri All AF8 grain dryer, LP fired, PTO driven, 4 million BTU's dries 275 bushels of corn per hour, 420 bushels of wheat per hours, w/automatic electric loading auger, 500 bushels holding tank, also one 40'x6" grain auger, PTO driven. 215-666-5410 after 6 P.M.

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* Grain Bins, 1800 bu. cap. As Low As. $1551
* Feed Bins 3.6 tons As Low As. . . . $525
* Wet Bins up to 4900 bu. capacity
* Continuous Flow Dryers } new or
* Automatic Batch Dryers } used
* In-Bin Drying Systems
* Fans: Vane Axel or Centrifugal for Aeration or Drying
* Legg Elevators, Farm or Commercial
* Augers, Cleaners, Accessories

1½ HP replacement motors for Stirways, $215

New Polyglass Sprayer and Storage Tanks 450 gal. to 5600 gal. Sizes Now Priced Lower than Spring
November Bonus - liquid transfer pump with 3 HP Briggs & Stratton engine, $100 with any tank purchase.

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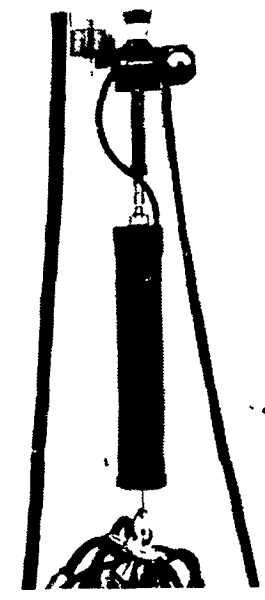
AUTOCORD™ UNIT
When You Buy 4 De Laval® Autocord Removal Devices

Now you can save while you automate your milking with this proven cord-type take-off system.



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For Sale - Lumber, Oak, Hemlock, White Pine and Walnut, Oak fence boards, all lumber cut to order, Moyer's Saw Mill, Annville, 717-867-5316

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Tie your cows with nylon straps and save them from electric shocks. Available in 5 colors. They are light and flexible yet strong and durable.

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First farm South of Show-Ease Stall Co.

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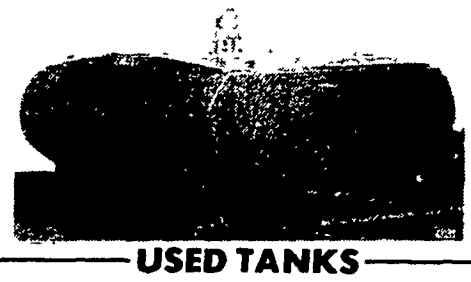
USED 600 GAL. MW



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One used 1000 gal. Zero milk tank, also 400 gal. Zero, new 800 Girton in stock, reduced-priced to sell. 24 cow used Patz barn cleaner. Marvin J. Horst, 1950 S. Fifth Ave., Lebanon, PA 717-272-0871

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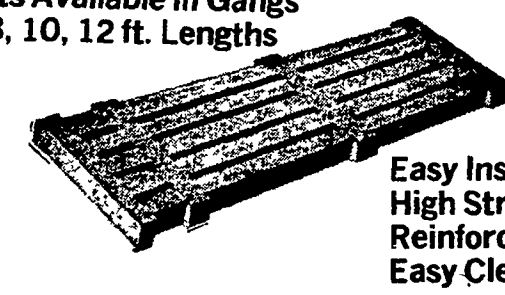

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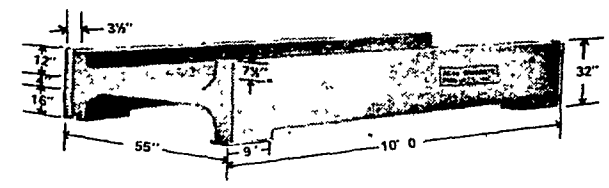

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300 Gal Esco	800 Gal. Milkeeper
400 Gal Girton	800 Gal. Mojonnier
400 Gal Dari-Kool	1000 Gal. Girton
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600 Gal Mojonnier	800 Round- no milk
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Reg. Holstein herd for sale. Classified and DHIA tested, 20 cows, 20 heifers of all ages, priced as a group. 717-692-2886 York Co.

Registered Border Collie, female, heavy coat black and white nicely marked. "Strong eye", excellent imported bloodlines, mature three years old, ready for intensive training $175 717-665-7385

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CATTLE

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Buyers & Sellers of Livestock – Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

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FEBRUARY 17, 1983
Blizzard date - February 18, 1983
Pennsylvania State Farm Show Building - Corner of Cameron and McClay Street, Harrisburg, Pa.
Auctioneer Steve Andrews, Wooster, Ohio
Tack - 9:00 A.M.
Horses - 12:00 noon.

Terms - Tacks and Draft Horses related items - 10% with maximum commission $50.00.
Horses - $30.00 to accompany consignment.

If no sale - no refund. 5% commission - Maximum commission $150.00. $30.00 entry fee to be deducted from commission.

Consignor checks mailed March 21, 1983. Catalog Deadline Dec. 1, 1983.

Consignment will be accepted until 10:00 A.M. February 17, 1983.

Horses will be sold in order of consignment. Negative Coggins Test and Health papers within 6 months must accompany horses.

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717-768-8177

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717-665-2588 John

For Sale - Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921

Primarily large white and Landrace cross gilts for sale out of a highly productive unit. Write to Melvin K. Fisher, 25 Quarry Rd., Paradise, PA 17562. Lancaster Co.

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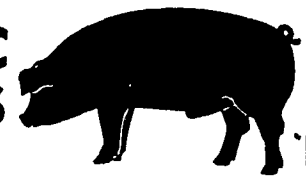

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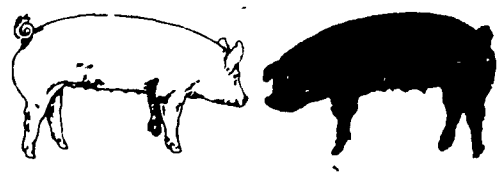

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Duroc	4-3	171	2.3	13
Duroc	5-5	170	2.3	12
Duroc	2-4	172	2.3	10
Duroc	2-6	162	2.3	10
Duroc	4-5	167	2.3	13
Duroc	2-1	176	2.3	10
Duroc	2-5	176	2.3	10
York	27-1	164	2.43	8
York/Hamp	1-9	169	2.43	7
York	27-4	175	2.43	8
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SWINE

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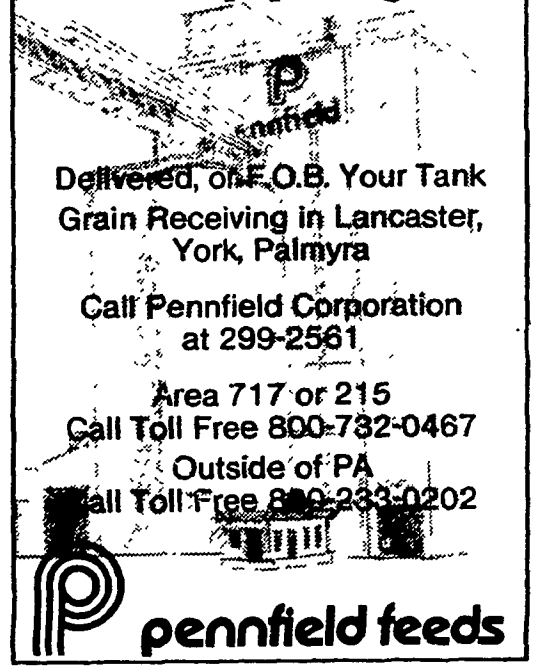

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Dairy jugger operation needs full-time experienced person to pasteurize milk. Please send all pertinent information to Lancaster Farming, P.O. Box 366, A-45, Lititz, PA 17543

Manager wanted for local co-op. Agricultural background with knowledge in feeds, grain marketing, seeds and fertilizer. Send written resume by Dec. 15 indicating experience, education and references to Lynn Ausherman, 7816 Blacks Mill Road, Thurmont, MD. 21788

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Person to work on farm. Can furnish 7 room house. John Strawbridge. 301-996-2022

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Applicants should have *farm machinery* knowledge and be able to relate to farm customers.

- Sales Experience Essential - Responses Confidential!

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Butler, MD 21023

HELP WANTED

Expanding Southeastern Pennsylvania Farm Equipment Dealership has positions available for qualified, experienced Sales and Service personnel. Salesman position requires experience in Farm Tractor and Implement sales. One service position requires experience with Hay and Forage equipment. Another position requires general Farm Equipment knowledge and demonstration capabilities.

Write P.O. Box #366, J-250
c/o Lancaster Farming
Lititz, Pa. 17543

SITUATIONS WANTED

Sawmill Wanted - Operating or not to be moved to NJ, distance not important. Please call 609-653-1018, ask for Kevin or Dave.

Experienced with beef/hogs, 21, engaged, B.S. in Animal Husbandry, desires manager job, preferably Pa. Call collect. 215-348-1304

Young man, 21, desires job on farm or in Ag Business. Experienced dairy and poultry. Cal after 5:00 717-266-7153

BUSINESS OPPORTUNITIES

FOR SMALL ACREAGE

— FARMS —

in the Lancaster Farming area that need extra income due to the recession. If interested please let us make an appointment with you to discuss this program.

Contact: B.H. Thompson
Box 396, Warrenton, Va. 22186
Tel. (703) 347-9611 or 636-6453

BUSINESS OPPORTUNITIES

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MULTI-USE, INNOVATIVE BUILDING SYSTEM FOR AGRICULTURAL AND OTHER USES

LOW COST, NO MAINTENANCE, EASE OF ERECTION, PORTABILITY, UNLIMITED MARKET AND ARCHITECTURALLY DESIGNED ARE CHARACTERISTICS OF THIS UNIQUE STRUCTURE.

BUILDING SIZES RANGE FROM 8x12 TO 40x80.

UNLIMITED SALES POTENTIAL

DEALER REQUIREMENTS

A. MUST HAVE DISPLAY SPACE AVAILABLE AND A KNOWLEDGE OF MERCHANDISING, AND SALES

B. MUST BE WILLING TO PURSUE ALL SALES LEADS AS FURNISHED BY AEROSHELTERS INC.

C. MUST BE WILLING TO STOCK INVENTORY AND DISPLAY ITEMS VALUED AT $5000.00

LIMITED TIME OFFER FOR SELECTED AREAS

FOR ADDITIONAL INFORMATION AND DEALER APPLICATION PLEASE CONTACT.

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For Sale - 16' stake body bed side and tailgate. Walnut and Cherry Lumber, one year air dry, 500 bd. ft. One Hyd. hoist for 12' to 14' bed, two cylinder. Phone 717-532-6619.

1973 Super Jeep CJ5, V8, inspected, needs little body work. 215-926-4903

1971 C60 Chevy with 24' Jerrdann Super 10 Rollback, good condition. 717-265-9014

1972 Ford LN9000 tri-axel, 318 engine, 10 speed, new 10 20 19' aluminum bed, 800 bu. capacity. Excell. cond., must sell 215-869-3375 after 8 p.m.

'71 Brockway tri-axle dump, $13,500, real good cond. '75 Ford cattle truck, hauls 12 cows, $5,000, Grove self-unloading wagon $550, 717-432-2883, between 5 and 6 p.m.

TRUCKS & TRAILERS

1974 Ford F100, ½ ton pick-up with load extender springs, custom deluxe, great condition, 2-tone paint, deluxe interior, air conditioning, power steering and power brakes, no rust, radial tires; $2500 negotiable; (717) 397-2093, 285-3051 or 301-666-8477

Storage and office trailers for rent. Economical, delivered to your site. 301-771-4529

1968 White, tandem axle, 48,000 GVW, with 6 cylinder gas engine, 500 bu. grain dump, 1 year old $6,000. 717-865-6710

1979 Ford LN 7000, 3208 Cat. engine, 22' Eby aluminum cattle body, complete w/aluminum decking, side doors, rear doors, drop gate and loading sides. 1977 Ford F350 1 ton w/13' wood cattle rack, good cond., offers being taken, 814-382-2922

'74 Jeep Wagoneer, V8, air, automatic, new inspection, $1,500. Lancaster County. 717-284-4340

For Sale - 5 cu. yd. hopper type spreader box. Hydraulic drive; Imron paint, excellent condition. Easy to convert for spreading liquids, semi-liquids and/or granules $875. Lancaster Co. 717-733-4191 or 733-4269

2100 gallon Better Bilt liquid manure tank mounted on 1968 Ford truck, complete unit ready to go, $6,900. Henry K. Fisher 717-393-6530 8:00-4:30.

Army truck, GMC, all wheel drive, auto. transmission, 9:00, 20 tires, tandem axle, $2800. 609-769-3183.

Used Hewey 16' aluminum grain body w/42" removable sides. 717-867-5222.

1950 Ford truck, 14' bed upright hoist motor needs work on $500. 717-642-8722 Adams County

1974 Ford 1, NT 9000 tandem 16 ft. aluminum dump bed 600 bu. cap, 56,000 GVW 318 Detroit 13 sp. P.S. excellent Somerset Co. 814-445-7769

1981 MGS snowmobile, utility trailer, 7'x12', tandem axle, plank floor, sides and ramps. Excellent condition! 215-398-0830

1979 Dodge pickup, 4WD, extra clean, low mileage, must see to appreciate. 215-267-7311

1976 9500 GMC tr-axle, 318 Detroit, 16,000 front, 38,000 rear, triple frame, 11:30 rubber, good condition. 717-224-4244

IH 1700 Loadstar V8 4 speed - 2 speed rear, 12' dump stake $2800. 215-723-7249

Wanted - IH pick-up truck or parts, call collect 609-423-0636, ask for Ed Sr. or Jr.

1971 IH grain truck, tandem axle; 1965 IH 2000 tandem truck tractor. 201-439-2430.

1982 Ford F150 pickup, Ranger XLT, Lariat package, 6 cyl., auto., PB/PS, two-tone paint, 800 original miles, $7,950. 717-733-2873

65 International truck R-190 18' steel flatbed, air brakes, 10x20 tires, GVW 25,000, AM/FM, heat, tire chains, Berks Co. Walter 1-215-562-4007

1974 Stidham horse trailer, full mats and doors $1,000.00 1-301-658-3029

For Sale - 1970 F600 Ford dump truck, 41,000 original miles, good condition, asking $4,195. 717-784-6116

1980 Chevy ½ ton pickup, 6 cyl., 3 speed, radial tires, $4,450. 717-733-2873

18' Morgan flatbed heavy duty; Also Diamond T tractor, S/A, bad motor, 215-374-6490 after 9 p.m.

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*SEE THE NEW '83
*SPECIAL DISCOUNTS
AND REBATES ON
ALL '82 CARS AND TRUCKS

*SPECIAL DISCOUNT
ON ALL TRUCKS

*4 WHEEL DRIVE D50
PICK-UP SPECIAL
*1979 W150 CLUB CAB
4WD PICK-UP 30,000 MILE
*1983 D50 TURBO CHARGE
DIESEL 34 AND 45 MPG, READY
FOR IMMEDIATE DELIVERY
*Sale Hours 8:00 a.m. to 8:00 p.m.

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Route 230 East Next to Shopping Center
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PHONE 717-367-1808

TRUCKS & TRAILERS

'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel, PS, $9,500. 215-286-9510

TRUCKS & TRAILERS

For Sale - 10' wood livestock body; 12' wood livestock body; 20' wood livestock body; 26' alum. livestock body; 12' wood livestock body. M. H. Eby, Blue Ball 717-354-4971.

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1972 GMC, 14' Aluminum Dump
w/Blower & Divider,
11-20 tires, new clutch,
excellent condition
Call Rosedale Mills
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Knapheide - Moritz - Hillsboro - Feather-lite

1975 F600 Ford Truck. 26,000 GVW, 5 speed-2 speed, 16' dump stake body, excell. cond. Lacka. Co. 717-587-1271.

TO HAVE YOUR TRUCK CHASSIS FRAME LENGTHENED OR SHORTENED
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1982 Ford F150 XL, 302 V8, 4 Speed, PS, PB, AM-FM Stereo, Dual Tanks, Dk. Brown Metallic & Buckskin, only 10,000 Miles, Still Under Factory Warranty .. $11,500
1980 Chevy Blazer Silverado, 350 V8, Auto., PS, PB, Air Cond., AM-FM Stereo, Tilt Wheel, Lockout Hubs, 25,000 Miles..... $9895
1980 Chevy Blazer, 6 Cyl., 4 Speed, PS, PB, AM-FM Stereo, Lockout Hubs..... $8495
1979 Dodge Ramcharger, 318 V8, Auto., PS, PB, AM-FM ... $6995
1979 Chevy Blazer, 350 V8, Auto., PS, PB, Air Cond., AM Radio, Rust-Proofed, 2 Tone Paint..... $8495
1979 Ford Bronco Custom, 351 V8, Auto., PS, PB, Air Cond., AM Radio, 34,000 Miles, 2 Tone Red & White ... $8695
1979 Dodge W150 Pickup, 360 V8, Auto., PS, PB, AM Radio, Cap, Very Clean..... $6995
1979 Chevy Short Bed Fleetside, 350 V8, 4 Speed, PS, PB, Lockout Hubs, AM Radio, 42,000 Miles $6995
1978 Dodge Ram Charger, 318 V8, Auto., PS, PB, AM Radio, All Black w/White Spoke Wheels..... $5995
1978 Plymouth Trailduster, 360 V8, Auto., PS, PB, AM Radio, Chrome Slot Wheels, 2 Tone Maroon & Silver, 39,000 Miles..... $6995
1978 AMC Jeep Wagoneer, 6 Cyl., Auto., PS, PB $4995
1977 Dodge Shortbed, 318 V8, Auto., PS, PB, AM Radio..... $4995
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1979 Dodge B200 Panel Van, 318 V8, Auto, PS, PB, AM Radio..... $5495
1979 Ford E150 Econoline, 351 V8, 3 Speed Standard, PS, PB, AM Radio, 45,000 Miles .. $4995
1979 Chevy 8-Passenger Beauville, 350 V8, Auto., PS, PB, Air Cond., Tilt Wheel, Cruise Cont., AM-FM Stereo, 33 Gal. Tank... $8995
1977 Dodge 8 Passenger Royal Sportsman, Trailer Special, 440 V8, Auto., PS, PB, Air Cond , AM Radio..... $6995

VANS CONT'D

1977 Chevy Short Wheel Base Window Van, 5 Pass., 350 V8, 3 Speed Standard, PS, PB, AM-FM & 8-Track $4295

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1981 Chevy C20 Crew Cab, 292 6-Cyl., Auto., PS, PB, AM-FM, Air Cond., Dual Tanks, 23,000 Miles $9495
1980 Ford F250 Super Cab, 351 V8, Auto., PS, PB, AM Radio, 2 Tone Brown & Tan, 33,000 Miles..... $7495
1980 Dodge D-150 Custom, 318 V8, 3 Speed w/overdrive, PS, PB, Dual Tanks, 1 Owner, 14,000 Miles $5995
1980 Chevy C10 Custom, 260 6 Cyl., 3 Speed, AM Radio, 20,000 Miles..... $5995
1980 Chevy C-30 Bonanza, Camper Special, 350 V8 Auto., PS, PB, Air Cond., Dual Tanks, 9000 GVW, Cap, 2 Tone Paint, Only 14,000 Miles..... $8995
1979 Chevy C-20 Cheyenne, Trailer Special 454 V8, Auto., PS, PB, Air, Tilt Wheel, Dual Tanks, AM-FM, 8200 GVW, 34,000 Miles $7495
1979 Ford F150 Custom, 300 6 Cyl., Auto., PS, PB, AM Radio..... $5795
1979 Ford F100 Custom, 302 V8, 3 Speed, PS, AM Radio... $4995
1978 Chevy LUV, 4 Cyl., 4 Speed, AM Radio, Sliding Rear Window, Alum. Cap..... $3995
1978 Chevy C20, with Reading Utility Body, 292 6 Cyl., Auto., PB, New Paint $4895
1978 GMC Shortbed, 6 Cyl., Auto., PS, PB, AM-FM, Air Cond., Cap, 1 Owner Truck, 33,000 Miles..... $4995
1977 Chevy C10 Silverado, 350 V8, Auto., PS, PB, Power Windows & Locks, Cruise Control, Tilt Wheel, AM-FM, Dual Tanks, Sliding Rear Window, 2 Tone Paint..... $4995
1976 Datsun Pickup, 4 Cyl., 4 Speed, 63,000 Miles, Body Man's Special - Runs Good $995

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1979 Chevy Scottsdale Suburban Trailer Special, 454 V8, Auto., PS, PB, Air Cond., AM Radio, 30,000 Miles $6995
1973 Chevy Suburban, ¾ Ton, 350 V8, Auto., PS, PB, AM-FM $1995

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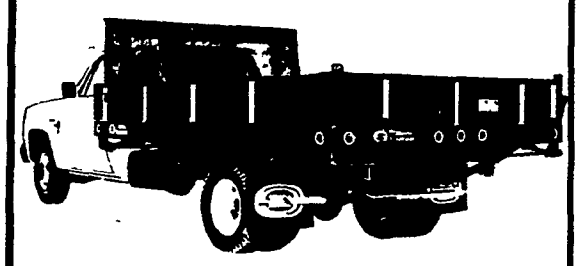
Tri-Loader...
European-style Contractor Body



The European-style Tri-Loader body is an extremely versatile piece of equipment. It features 14" hinged sides which fold down or remove completely for loading from either side, a double-acting tailgate, hinged top and bottom for dumping and spreading operations with forward or rear controls, or both. Swaged (indented) 3-light cluster in rear outrail for better light protection and appearance. Heavy duty 40" or 52" steel bulkheads with full width mesh windows combine maximum protection and visibility. The rugged 96" wide platform offers maximum payload and is available in wood, smooth steel, treadplate steel or steel over wood flooring.

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Located in the Village of Farmersville, Lancaster County
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Omaha Standard

AUTOMOBILES

Suzuki, 1980 GS450T, maroon metal flake paint w/pin stripes, polyglycoat, star wheels, 6 speeds w/LED gear position indicator, storage compartment under seat. Many extras. Before considering spending $1000 more for 1982 bike, check this one out. Perfect condition, garage-kept, never intentionally rode in rain, sharp looking. $1300 negotiable. Call 717-285-3051 or 397-2093

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FARM LOANS
1st or 2nd mortgages, building additions, livestock or equipment.
18-22% interest
Term negotiable.
Mr. Nedimyer
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PETS

PETS

PETS

$50 puppy prize for the cutest pup purchased Tuesday, Decmeber 7!

JO JO THE DOG MAN
I need nice Shepherd, Collie & Terrier pups. Also - cute Peek-A-Poos, Cock-A-Poos and anything cute & shaggy.
I need good healthy, clean pups, pure & mixed breeds, 6-8 weeks old. Offering extra high cash prices. Baskets of cash waiting for you! Paying up to $75 for extra cute mixed breeds.

See Me At
Root's Farmer's Market
RD 1 Manheim Every Tuesday 5 PM - 8 PM (no phone calls)

PETS

Nicely marked reg. border Collie pups. 6 wks. old, has shots. Call evenings. 717-284-2176

Blue Heeler puppies (Australian Cattle Dogs), purebred, wormed, shots, great workers. Starlight Farms, RD1, Salem, N.J. 08079 609-935-2893

PETS

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802

Puppies Wanted - AKC, purebred, mixed. 717-442-4259 or write 296 S. Vintage Rd., Paradise, PA 17562

Golden Retrievers, AKC, guaranteed healthy, champion lines, 2 litters ready. Orwigburg 717-943-2920

Purebred border Collie pups. Reg. available, very reasonable price, Lanc. Co. 717-627-6473

Reg. Walker and Redbone coon dogs, 1 and 2 yrs. old, have been hunted, 2 reg. Walker pups, 4 mo. old. 717-862-3728 after 5.

MISCELLANEOUS

New and used plastic drums for Kerosene and cider. Reliable Recyclers, 717-656-4211

One 3 bay stainless steel sink w/grease trap, $500. Call after 5 p.m. 609-882-0720

4000 watt generator, portable, 17½ amp. Also, Whitney 3 blade concrete trowel machine. 717-665-2695

Galvanized wire sheets, 1"x1" mesh, 28" wide, 10' long, $2.50 per sheet. Delivery available. 717-354-9840.

For Sale - 2 H.P. milling and drilling machine 8"x28" table, $900. 717-656-6189

Wanted - good used cow trainers. Northumberland Co. 717-758-2136

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For Sale - Antique gas engines, parts and wheels. One Mile East of Reinholds, Route 897. 215-267-5026

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

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SELECT PECANS! 5 Pounds. $14.75 Postpaid. Satisfaction Guaranteed. Recipes included. Andover Farms, Magnolia Springs, Alabama 36555

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MISCELLANEOUS

For Sale - Sleigh in good cond. w/tongue and thills. Variety hardware for double harness. Alan Rhodes, Kingsely Susquehanna Co. PA 717-434-2686

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For Sale - 8' Bendall power press brake, 717-935-2056

MISCELLANEOUS

For Sale - Wisconsin V4 engine, runs good, $425. 609-882-2927 after 4:00

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Made To Order
Ink Pads Available
Write or call after 6 P.M.
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Apple Computers, agricultural and business software, Consulting Computer Clinic, 717-742-4711

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Antique Gas Engines For Sale
1 hp Tom Thumb on cart, $475
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Model Olds engine, $900
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2 hp NH engine, $1200
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Popcorn steam engine, $950
Vincent D'Addare
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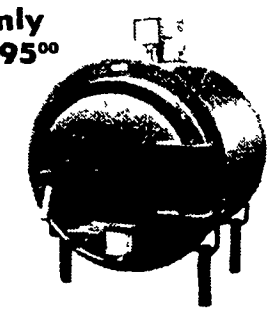
YEAR END CLEARANCE

Only $695.00



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FULLY APPROVED by ETLM and CSA

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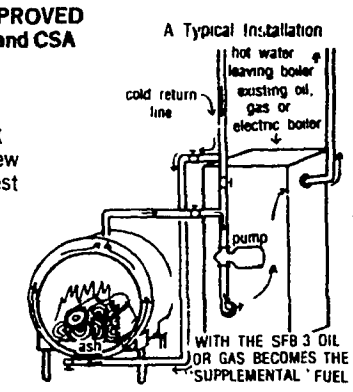
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THERMOLATOR	RITEWAY	ALASKA
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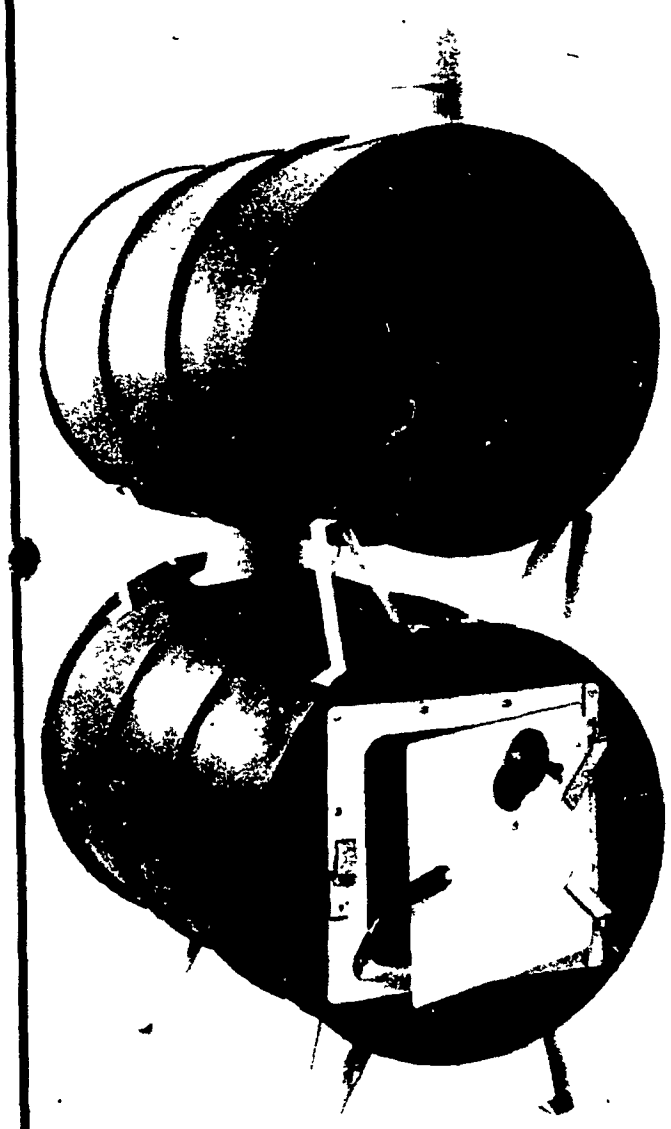

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EXTRA FLUE COLLAR
COOK TOP
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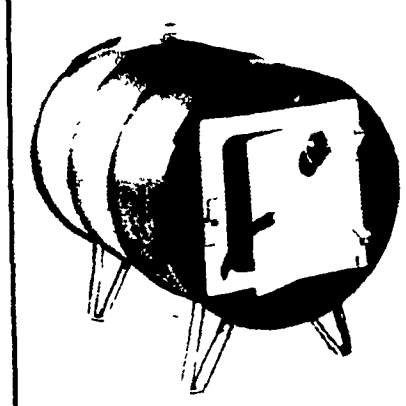
For Making Smokers And Barbeques



$75.00 for single barrel Model 55-H with Warming Top (55-CT)

$95.00 for double barrel stove.
$25.00 extra if pipes are installed

Model 55-HDD
(Using 2 55-gal. drums)

These Stoves Can Be Installed With Hot Water Pipes

- Burns Over 24 Hours Holds Embers For Days
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REAL ESTATE ADVERTISING, Mailbox Markets and Subscription Information

will be found

on

Pages B37 thru B42

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Introducing the

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Teat Dip/Udder Wash.

All - In - One Non-Iodine Teat Dip, And Sanitizing Udder Wash...

- **Effective Without Iodine . . . Against most organisms that may cause mastitis. Gram positive like staph aureus and streptococcus, and gram negative organisms like E. Coli and Pseudomonas.**
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- **No Doubt About Dipping . . . . Bluish green color keeps track of teats treated with Darigard.**

PURINA RESEARCH COMES THROUGH. . . ON YOUR REQUEST!

DAIRYMEN ASKED FOR A POWERFUL, FAST, EFFECTIVE NON-IODINE TEAT DIP!

PLUS **An Introductory Coupon Rebate Offer:**

*** ON-PACK COUPON REBATE (With Purchase)**

- **2½ Gallon - $ 2.00 Rebate!**
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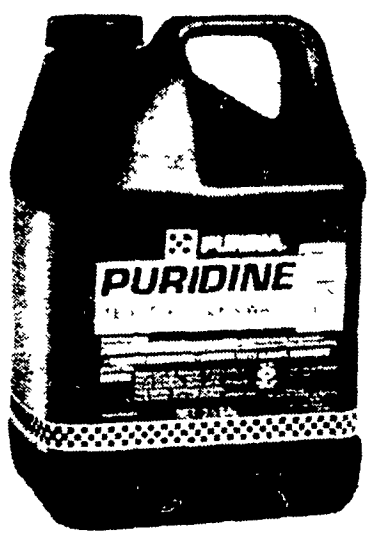
For You Who Prefer An Iodine Base Teat Dip And Udder Wash: Tried and Proven PURIDINE



The first combination teat dip and udder wash in the industry! This unique, highly effective 1 percent iodophor is available in 2½ gallon containers and 15 and 30-gallon drums.

Purina Puridine is effective against staph and strep, the organisms that cause the majority of mastitis problems.

Purina Puridine kills 99.999% of the organisms in 30 seconds.*

Convenient and economical. One product does two jobs. Use undiluted as a teat dip; and dilute 1 ounce to 5 gallons of water for a sanitizing udder wash.

Puridine clings to teats longer, providing extra protection from milking to milking.

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